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# Curriculum Change 2013-2014

Portland State University

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PSU Curricular Changes - Effective for Academic Year 2013-14							
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PSU Curricular Change Cycle: Annual							
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Name & contact info of person updating this template: Steve Harmon 503-725-4596							
Effective Term	New (N) Modified (M) Deleted (D)	Prefix	Course#	Course Title	Credits	Course Description	Type of Change (for modified classes only)
Fall 2013	M	Actg	421	Introduction to Taxation	4	Introduces students to a broad range of tax concepts, tax policies, and different types of taxpayers. Students should develop an understanding of how tax laws affect most business and personal financial decisions. Tax reporting, tax planning and basic tax research skills will be emphasized. Prerequisites: Actg 381.	Change prerequisites.
Fall 2013	M	Actg	430	Governmental and Not-for-Profit Accounting	2		Change credit hours from 1 to 2.
Fall 2013	M	Actg	525	Professional Accounting Research	4	This course covers the research and documentation methods used in professional practice by accountants. Topics generally include use of the research tools and methods used by professional accountants, including documenting and communicating research.	Change title, description, prerequisites.
Fall 2013	M	Actg	527	Advanced Tax Topics	4	The study of federal income tax law applicable to common business structures through the use of case studies. Topics generally include the tax treatment of business formation, operations, distributions, liquidations, mergers and acquisitions. Applying tax laws, performing analyses, and making judgments are critical in this case course. Prerequisites: Actg 522 or consent of instructor.	Change title, description, prerequisites.
Fall 2013	N	Actg	565	Current Topics in Global Financial Accounting	4	Covers current complex financial accounting issues faced by corporations operating within a global context. Because of today's rapidly changing financial accounting environment, this course will take an adaptable view of topics covered, monitoring recent regulatory issues to include timely complex issues that must be understood by today's financial accounting professional. Prerequisites: admission to the MSFA program.	
Fall 2013	M	Anth	304	Social Theory	4	Examines social organization at various levels, from the family on up to the global economy. Theoretical perspectives span classic social theory, the ethnographic tradition, and hybrid approaches used by present-day anthropologists. Topics include power, identity, agency, social change, and globalization, with an emphasis on understanding contemporary social issues in cross-cultural perspective. Designed for anthropology majors and minors. Note: This course is not approved for distribution credits. Expected preparation: Anth 103.	Change description.
Fall 2013	D	Anth	316	Traditional East Asia	4		
Fall 2013	N	Anth	379	Practicing Forensic Science	4	Survey of topics in forensic science: DNA, drug chemistry, toxicology, firearms, and latent prints. Focus on forensic anthropology and taphonomy, including assessment of age, sex, population-based skeletal variation, and effects of peri/post-mortem environmental processes on forensic investigation. Course clarifies popular media misinformation with fact-based overview of real forensic analysis.	
Fall 2013	M	ArH	311, 312, 313	History Asian Art	4,4,4	A survey of art and architecture of Asia from prehistoric times to the 19th century. The art and architecture (including ceramics, sculpture, painting, textiles, and other utilitarian implements -- e.g., ritual bronze vessels of China) of Asia will be presented in context of chronology, source (indigenous or foreign influences), and site; and in relation to the forces of each society's culture, religion, politics, geography, and history. Buddhism, Hinduism, Confucianism, Shintoism, Taoism, Shamanism, symbolism, and mythology are basic to the arts of Asia. ARH 311: South Asia (India) and Southeast Asia (Sri Lanka, Cambodia, Thailand, Burma and Indonesia). ARH 312: China & Korea. ARH 313: Japan. Prerequisites: Upper division standing. Open to non-majors.	Change prerequisites.

						A Chronological survey of art and architecture of Korea, and its uniqueness, in the context of East Asian art history. Prehistoric arts, as well as tomb paintings, and artifacts recognizing Buddhism's effect on Korea's sculptural, painting, and architectural heritage. Also treats Confucianism shaping Korean ink painting, folk painting and porcelains. Prerequisites: Upper division standing. Open to non-majors.	
Fall 2013	M	ArH	321	Survey of Korean Art	4		Change prerequisites.
Fall 2013	M	ArH	411	Chinese Buddhist Art	4		Drop ArH 511.
Fall 2013	M	ArH	412	Japanese Buddhist Art	4		Drop ArH 512.
Fall 2013	M	ArH	415	Issues in Asian Art	4		Drop ArH 515.
Fall 2013	M	ArH	422	Chinese Painting	4		Drop ArH 522.
Fall 2013	M	ArH	423	Japanese Painting	4		Drop ArH 523.
Fall 2013	M	ArH	425	Modern Japanese Art	4		Drop ArH 525.
Fall 2013	M	ArH	426	African Art	4		Drop ArH 526.
Fall 2013	M	ArH	431	Women in the Visual Arts	4		Drop ArH 531.
Fall 2013	M	ArH	432	Issues in Gender and Art	4		Drop ArH 532.
Fall 2013	M	ArH	437	Nature into Art	4		Drop ArH 537.
Fall 2013	M	ArH	439, 440	History of Architecture	4,4		Drop ArH 539, 540.
Fall 2013	M	ArH	451, 452, 453	Ancient Art	4,4,4		Drop ArH 551, 552 553.
Fall 2013	M	ArH	456	Early Medieval Art	4		Drop ArH 556.
Fall 2013	M	ArH	457	Byzantine Art	4		Drop ArH 557.
Fall 2013	M	ArH	458	Romanesque Art	4	Focuses on the art and architecture of the Romanesque, Crusader and medieval Islamic world. Prerequisites (for art and art history majors only): ARH 205. Prerequisites for all majors: Upper division standing. Open to non-majors.	Change prerequisites.
Fall 2013	M	ArH	459	Gothic Art	4	Studies Gothic art and architecture across Europe from the 13th to the 16th centuries. Topics include the development of the cathedral, and the rise of the city, and artists such as Giotto and Duccio. Prerequisites (for art and art history majors only): ARH 205. Prerequisites for all majors: Upper division standing. Open to non-majors.	Change prerequisites.
Fall 2013	M	ArH	461	North Renaissance Art	4		Drop ArH 561.
Fall 2013	M	ArH	471, 472, 473	Italian Renaissance Art	4,4,4		Drop ArH 571, 572, 573.
Fall 2013	M	ArH	476, 477, 478	Baroque Art	4,4,4	A study of European art and architecture from the late 16th to the mid-18th century. ARH 476: Italy; ARH 477: The Netherlands; ARH 478: Spain and the Americas. Prerequisites (for art and art history majors only) ArH 205. Prerequisites for all majors: upper division standing. Open to non-majors.	Change description; drop ArH 576, 577, 578.
Fall 2013	M	ArH	481, 482	19th Century Art	4,4		Drop ArH 581, 582.
Fall 2013	M	ArH	486, 487	American Art & Architecture	4,4		Drop ArH 586, 587.
Fall 2013	M	ArH	491/591, 492/592, 493/593	20th Century Art	4,4,4	A chronological survey of modern and postmodern art in Europe and the U.S. in the 20th century. ArH 491: from Art Nouveau to Surrealism; ArH 492: from American Scene Painting through the rebellious sixties; ArH 493: from Conceptual art through the end of the century. Open to non-majors. Prerequisites ArH 206 or permission of the instructor.	Change title & description.
Fall 2013	M	Art	270	Introduction to Printmaking: Relief	4	A studio focused course concentrating on the planographic printmaking processes traditionally identified as "relief printmaking". This specialized technique will be presented utilizing the practice and concepts unique to historic, traditional/nontraditional and contemporary printmaking methodology. Monoprinting one of a kind image making and edition printing creating identical multiple images will be explored. Graphic languages developed through researching historical and contemporary influences will be presented to inspire and stimulate the students imagination and knowledge of graphic languages. Sequential thinking processes and theory will also be addressed. May be repeated twice for credit maximum 8 credits. Prerequisites Art 115 and Art 131. Open to non-majors with instructor's or department's consent.	Change title, description, & prerequisites.

Fall 2013	M	Art	271	Introduction to Printmaking: Etching	4	A studio focused course concentrating on the Intaglio method of Printmaking also identified as "Etching". This specialized technique will introduce basic theories, practice and concepts unique to historic, traditional/nontraditional and contemporary Printmaking methodology. Monoprinting (one of a kind image making processes) and edition printing -sequential image making will be explored. Technical processes of black and white drypoint, etching and softground will be at the core of the students investigation. Understanding manipulation of technical processes unique to etching, additive and subtractive processes will be equally explored. Graphic languages developed through researching historical and contemporary influences will be presented to inspire and stimulate the students imagination and knowledge of graphic languages. Sequential thinking processes and theory will also be addressed. Zinc and copper plates will be the central focus of this introductory course. May be repeated twice for credit. Maximum 8 credits. Prerequisites Art 115 and Art 131. Open to non-majors with instructor's or department's consent.	Change title, description, & prerequisites.
Fall 2013	N	Art	287	Introduction to Jewelry and Metalsmithing	4	A beginning level course in the exploration of materials and processes basic to jewelry and light-metal design and fabrication. This includes high temperature soldering, use of jewelers' saw, files, hammers, small casting, and stone setting. Emphasis on idea development and craftsmanship. This course is the foundation for continued work of increasing conceptual and technical complexity. Prerequisites: Art 117. Open to non-majors with consent of instructor.	
Fall 2013	N	Art	345	Introduction to Motion Graphics for Designers	4	Motion graphics for graphic designers. Apply compositional and typographic skills to sequential story-telling, using self-generated graphic and photographic imagery. Emphasis on work flow, storyboards, and clear communication with increasingly conceptual projects. Introduction to essential After Effects skills.	
Fall 2013	N	Art	356	Visual Storytelling	4	Studio course exploring strategies of representation of stories, characters, and other narrative elements in time-based visual media. Focuses on the use and creation of storyboards, graphic novels, and animation in fiction and non-fiction storytelling. Prerequisites: Art 119 for majors or with permission of the instructor.	
Fall 2013	N	Art	357	Intermediate Video	4	Studio course covering intermediate video production skills such as audio recording and sound editing, image compositing, and other relevant technical topics. Includes the study of current trends and theories in video art and experimental media to inform individual creative projects. Prerequisites: Art 119 and Art 257 for majors or permission of instructor.	
Fall 2013	N	Art	370	Topics in Printmaking Techniques	4	Adding on to the principles and skill sets first investigated in lower-level printmaking this course explores additional techniques in printmaking. Varying practices, methodologies, and theories will be explored. Topics include but are not limited to etching, relief, mixed media print, screen printing, and mono-print. May be repeated for credit up to a maximum of 12 credits. Prerequisites: Art 270 or 271. Open to non-majors with instructor's consent or departmental approval.	
Fall 2013	N	Art	371	Intermediate Printmaking: Thematic Process	4	This course further investigates and explores the theory, practice and contemporary/historical issues unique to printmaking. At an intermediate level this course is intended to guide and help students make connections between content, process, and context of their creative works. Students will thematically direct the content of their works while making the necessary connections surrounding methods and application of their ideas toward the processes unique to printmaking. Prerequisites: Two of the following Art 270, 271 or 370.	
Fall 2013	N	Art	387	Intermediate Jewelry and Metalsmithing	4	Advanced metalworking techniques (e.g., forming methods) are introduced along with continued development of basic processes. Typical projects include designing and fabricating a series of three theme-related objects. Can include cast elements and incorporation of non-metal materials. Prerequisites: Art 117, Art 287. Open to non-majors with instructor's consent.	
Fall 2013	M	Art	479	Advanced Printmaking - Atelier Print	4	An advanced laboratory course for student's specializing in printmaking. The intention of this course is to explore and experiment with several print techniques to arrive at a cohesive body of printed work that speaks to an individual vision. Prerequisites: two terms of Art 370 and/or Art 371 or both. Maximum 12 credits. Open to non-majors who have prerequisites and instructor's consent.	Change title, description, prerequisites & drop 579.

Fall 2013	N	Art	487	Advanced Jewelry and Metalsmithing	4	An upper-level light metals course with focus on conceptual development and increasingly specific technical methodology. Builds on skills developed in lower-division courses and refines personal visual language and progression of ideas. Experimental materials and methods are encouraged. Prerequisites: Art 117, Art 287. Open to non-majors with instructor's consent.	
Fall 2013	N	Art	497/597	A History of Art and Social Practice	4	A history of social practice in art. Investigate the current critiques, debates and issues surrounding its current state in relation to its historical context. The course will examine social practice from 1920 to present and touch on the key movements. Will place a strong emphasis on contemporary examples of social practice art through readings, assignments, and online participation. This course will give a historic and critical context for social art. Open to non-majors. Prerequisites: at least junior standing or graduate standing.	
Fall 2013	N	Art	578	Studio Practice: Workshop	2	This course is a co-requisite to Art 580 Studio Practice: Directed Studies. In this workshop the focus will be on group dialogue and peer critique of individual and collaborative work with an emphasis on the relationship between research, production and presentation. In addition to requiring that students experiment with new methods, materials and modes of research in regard to their studio work, ART 578 develops students' ability to assess the strength of developing work, enhances their ability to speak about their work and the work of their peers and gives them a wider view into issues and aspects of studio production. Includes reading assignments, student-led discussion, guest speakers and field trips. May be repeated for credit. Maximum credits 24. Required for MFA. Prerequisites: graduate standing.	
Fall 2013	M	Art	580	Studio Practice: Directed Studies	2		Change credit hours from 4 to 2.
Fall 2013	N	BA	423	Executive Perspectives on Leadership	1	This course provides students the opportunity to interact and learn directly from executives at for-profit, not-for-profit and government organizations. Students will listen to and discuss the concepts and practices of leadership as it relates to the professional experiences of the executives.	
Fall 2013	N	BA	526	MBA International Experience	4	The MBA International Experience provides the opportunity for students to study international business and intercultural topics and gain hands-on experience in a different country or in the Portland Metro region. Locations and course topics are determined based on the strategic priorities of the MBA program. International Experiences conducted in different countries require approximately two weeks overseas. International Experience conducted in the Portland Metro region will be offered in four to eight week formats. Prerequisites: Students will need to have completed the first year of their MBA program in order to participate in the MBA International Experience.	
Fall 2013	M	Bi	334	Molecular Biology	4	The principles, concepts and methods of molecular biology focusing on structure, biochemistry, biosynthesis and regulation of cellular macromolecules-DNA, RNA and proteins. Topics covered include the nature, structure, regulation and expression of genes, molecular aspects and regulation of translation, DNA replication and repair, mutagenesis, and an introduction to molecular techniques. Prerequisites: BI 251 and CH 223.	Change prerequisites.
Fall 2013	M	Bi	336	Cell Biology	5	An introduction to the biology of eukaryotic (plant/animal) and prokaryotic cells (bacteria, etc.) with emphasis on physiology, biochemistry, morphology, and energetics. Four hours of lecture and one hour of recitation. Prerequisites: BI 334.	Change prerequisites.
Fall 2013	M	Bi	358	Evolution	4	Examination of processes underlying evolutionary change and patterns of biodiversity generated by these processes. Introduction to elementary population genetics, quantitative genetics, and phylogenetics. Emphasizes methods of reasoning and experimentation used in evolutionary research. Prerequisites: BI 251, 252, 253.	Change prerequisites.
Fall 2013	N	Bi	372	Nanotechnology, Society and Sustainability	4	Introduction to ethical, legal, and social issues associated with nanotechnology. Critically evaluates implications and applications of nanotechnology to environmental and human health concerns, in local and global contexts. Addresses nanotechnology's impact on the economic, environmental, and social aspects of sustainability.	

Fall 2013	M	Bi	416/516	Marine Mammals	6	Study of the distinguishing features, classification, origins, evolution, physiology, anatomy, behavior, ecology, and status of groups of marine mammals. Two 2-hour lectures, two 3-hour laboratories. Expected preparation: upper-division physiology course. Prerequisites: BI 387 or BI 415.	Change prerequisites.
Fall 2013	M	Bi	421/521	Virology	4	A study of the classification, structure, genetics, molecular biology of replication, cell interactions, and host response of representative groups of bacterial, plant, and animal viruses, and the medical aspects of important human viruses. Prerequisites: BI 334 and BI 336.	Change prerequisites.
Fall 2013	M	Bi	423/523	Microbial Ecology	4	Study of the interaction of microorganisms with each other and plants and animals; soil and aquatic systems; microbial evolution; cycles of matter; biodegradation and microbial pest control. Prerequisite: BI 480.	Change prerequisites.
Fall 2013	M	Bi	427/527	Evolutionary Genetics	4	An introduction to population genetics theory and an examination of the generic techniques that are used to look at populations, speciation, and phylogenetic relationships. Prerequisites: BI 341 and BI 358.	Change prerequisites.
Fall 2013	M	Bi	428/528	Human Genetics	4	The organization of the human genome, pedigree analysis, gene mapping, chromosome abnormalities, sex determination, and gene defects (metabolic and hemoglobin). Topics are discussed from the point of view of clinical applications and current research. Prerequisites: BI 341.	Change prerequisites.
Fall 2013	M	Bi	430/530	Theory of Recombinant DNA Techniques	4	Lectures on the principles and theory of recombinant DNA and molecular cloning techniques. Topics will cover use of restriction and other DNA modifying enzymes, host-vector systems, DNA fragment and plasmid isolation techniques, gene mapping, subcloning techniques, in vitro mutagenesis, cDNA and genomic cloning, screening of clones, blot hybridizations, DNA transfection and use of reporter genes, DNA sequencing and PCR. Prerequisites: BI 334.	Change prerequisites.
Fall 2013	M	Bi	431/531	Theory of Recombinant DNA Techniques Laboratory	2	Laboratory of recombinant DNA and molecular cloning techniques. Corequisite: BI 430/530. Prerequisites: BI 235 or BI 337.	Change prerequisites.
Fall 2013	M	Bi	432/532	Plant Diversity and Evolution	5	Study of the morphology, structure, and life history of green algae, bryophytes, and vascular plants from an evolutionary point of view. Two 2-hour lectures and one 3-hour laboratory. Prerequisites: BI 251, 252, 253. Expected preparation: BI 341 and BI 358.	Change prerequisites.
Fall 2013	M	Bi	456/556	Developmental Biology	4	Explores basic principles of how organisms develop from a fertilized egg into a complex, multicellular adult. Focuses on contemporary issues in developmental biology, including pattern formation, morphogenesis, determination, and differentiation in vertebrates and invertebrates. Prerequisites: BI 336 and 341.	Change prerequisites.
Fall 2013	M	Bi	471/571	Plant Ecology	4	A study of the interrelationships between plants and their environment with emphasis upon individual adaptation and community dynamics. One 3-hour laboratory period. Prerequisites: BI 357.	Change prerequisites.
Fall 2013	M	Bi	476/576	Population Biology	4	A study of classical and modern theories of the growth and regulation of natural populations of plants and animals. Emphasis will be placed on quantitative models. Topics will include: age-specific population growth; population growth in a limited environment; competitive and predator-prey interactions; biotic diversity; data collection and mathematical modeling of actual populations. Prerequisites: BI 357.	Change prerequisites.
Fall 2013	M	Bi	480/580	Microbiology	4	Fundamental concepts and techniques of microbiology. The general principles of microbial cell structure and function, physiology and biochemistry, growth, survival, classification, and diversity are emphasized. Prerequisites: BI 334 and BI 336.	Change prerequisites.
Fall 2013	N	BSt	353	African Women in Film	4	This course examines portrayals of African women in cinema using selected films from African and African American, traditional Hollywood films and films by African filmmakers. Approaches in comparative analyses of African films are used to examine depictions of African women in traditional and contemporary cultural settings through discussions and reviews.	
Fall 2013	N	BSt	356	Cuban Film: Politics and Culture	4	Topics in Cuban history, culture, race, gender, and politics, focusing on the impact of the Cuban revolution on Cuban society, presented through Cuban films are addressed. Films, particularly popular films made in Cuba, and media as primary methods of inquiry, and their global political and cultural implications are critically examined.	

Fall 2013	N	BSt	357	Caribbean Spirituality and Resistance	4	Latino spiritual/ religious practices as they relate to indigenous Caribbean and African communities. Spiritual practices such as Rastafarianism, Obeah, Vodoun and "Spiritism" conceived as a form of cultural and political survival and resistance in colonized, transnational and globalized society provide material for comparison.	
Fall 2013	N	BSt	363	African Cinema and African Cultures	4	African cultures are explored through reviews of African cinema using an annual Portland film festival occurring during the term, and/or in-class screenings. Nature and relevance of African cinema are examined from global perspectives and approaches to film analysis and interpretations; the impact and contributions to understanding African cultures are discussed.	
Fall 2013	N	BSt	372	Sociology of Africa: Post-colonial Studies of Africa	4	This course will explore the relationship and ongoing dynamics between colonizers and the colonized in 20th century Africa, in the context of post-colonial studies. Nationalist, socialist, anti-colonialist, and Apartheid movements in Africa are each a direct consequence of global imperialism and its legacy. This course, will help to understand the social, political and economic implications and dimensions of imperialism in the 20th century.	
Fall 2013	N	BSt	377	Vodoun, Rasta and Islam in the African Diaspora	4	Historical and cultural background to how Vodoun, Islam and Rastafarianism became major historical ingredients in colonial African Diaspora, providing major inter-continental contexts for defining and characterizing the process of freedom-fighting and formation of contemporary Caribbean identities in the Americas. Cultural, political and economic implications and impacts are discussed.	
Fall 2013	N	BSt	384	African Immigrant Communities in Oregon	4	Historical and recent African immigration to the United States are interrogated for form/nature and function in light of assimilation (i.e., melting pot) expectations. Survey of classical and contemporary migration literature and discovery of the Oregon African immigrant milieu in a global context and perspective are used in search for answers.	
Fall 2013	M	CE	111	Introduction to Civil and Environmental Engineering	3		Change credits from 2 to 3.
Fall 2013	M	CE	112	Civil and Environmental Engineering Statistical Applications	3		Change credits from 2 to 3.
Fall 2013	N	CE	463/563	Transportation and Logistics Optimization and Modeling	4	Introduction to mathematical modeling techniques including linear programming, integer programming, basic network models (network flows and shortest paths), and their application to transportation and logistics problems. Focus on civil engineering systems and applications on transportation and logistics problems. Prerequisites: CEE senior standing.	
Fall 2013	N	CE	486/586	Environmental Chemistry	4	Survey of chemical aspects of major environmental issues: stratospheric ozone holes and chlorofluorocarbons; air pollution; global climate change; fossil fuel energy/"carbon footprint"; renewable energy; nuclear energy/radioactivity; toxic chemicals (pesticides, PCBs); endocrine disruptors; surfactants, chemical dispersants/oil spills; biodegradability of chemicals; chemistry of natural waters/acid rain; toxic heavy metals. Prerequisites: Ch 334 or 331. This is the same course as Ch 486 and can be taken only once for credit.	
Fall 2013	N	CE	487/587	Aquatic Chemistry	4	Aqueous chemistry in natural water systems: simple-to-complex acid/base chemistry; titration curves; buffer strength; acid/base chemistry of carbon dioxide in open and closed systems; alkalinity as system variable (blood); mineral dissolution/precipitation (metal carbonates); redox chemistry: pe-pH, redox succession/organic loading/dissolved oxygen loss, nitrate reduction, iron oxide dissolution, hydrogen sulfide production, methane formation. Prerequisites: Ch 223 with a C- or better. This is the same course as Ch 487 and can be taken only once for credit.	
Fall 2013	N	CE	488/588	Air Quality	4	An overview of urban air quality issues facing cities in the US and globally. Examine effects of air pollution on public health and environment, as well as technologies and regulatory practices. Review pollution measurement and modeling techniques. Prerequisites: junior standing. Expected preparation: CE 371. This course is the same as ESM 460/560; may only be taken once for credit.	
Fall 2013	N	CFS	320	ABCs of Early Childhood Education	4	An introductory class for students preparing for parenthood or interested in careers in early childhood education. History and philosophy; observation processes; guidance approaches; and program assessment.	

Fall 2013	M	CFS	382	Mental Disorders: Issues for Families and Communities	4		Change title; change course number from 482.
Fall 2013	M	CFS	385	Working with Diverse Families	4		Change course number from 485.
Fall 2013	M	CFS	390	Sex and the Family	4		Change course number from 490.
Fall 2013	M	CFS	393	Community Resources and Family Support	4		Change course number from 493.
Fall 2013	M	CFS	482	Mental Disorders: Impact on Families	4		Change course number to 382; change title.
Fall 2013	M	CFS	485/585	Working with Diverse Families	4		Change course number to 385; drop 585.
Fall 2013	M	CFS	490	Sex and the Family	4		Change course number to 390.
Fall 2013	M	CFS	493	Community Resources and Family Support	4		Change course number to 393.
Fall 2013	M	CFS	497	Practicum I	5		Change grading method.
Fall 2013	M	CFS	498	Practicum II	5		Change grading method.
Fall 2013	M	Ch	221, 222, 223	General Chemistry	4,4,4	Fundamental basis of chemistry for science, engineering and health professional students (such as pre dental, pre medical, pre medical technology and veterinary students). Concurrent enrollment in	
Fall 2013	M	Ch	401/501	Research	Variable	Ch 227 for Ch 221, Ch 228 for Ch 222, and Ch 229 for Ch 223 is recommended. Prerequisites for	Change grading option to P/NP only.
Fall 2013	N	Ch	486	Environmental Chemistry	4	Survey of chemical aspects of major environmental issues: stratospheric ozone holes and chlorofluorocarbons; air pollution; global climate change; fossil fuel energy/"carbon footprint"; renewable energy; nuclear energy/radioactivity; toxic chemicals (pesticides, PCBs); endocrine disruptors; surfactants, chemical dispersants/oil spills; biodegradability of chemicals; chemistry of natural waters/acid rain; toxic heavy metals. Prerequisites: Ch 334 or Ch 331. This is the same course as CE 486 and can be taken only once for credit.	
Fall 2013	N	Ch	487	Aquatic Chemistry	4	Aqueous chemistry in natural water systems: simple-to-complex acid/base chemistry; titration curves; buffer strength; acid/base chemistry of carbon dioxide in open and closed systems; alkalinity as system variable (blood); mineral dissolution/precipitation (metal carbonates); redox chemistry: pe-pH, redox succession/organic loading/dissolved oxygen loss, nitrate reduction, iron oxide dissolution, hydrogen sulfide production, methane formation. Prerequisites: Ch 223. This is the same course as CE 487 and can be taken only once for credit.	
Fall 2013	M	CI	556	Student Teaching I, Middle Level	4-6	Ch 221: Math Department-approved placement into Mth 112. High school chemistry or equivalent is recommended. Prerequisite for Ch 222: Ch 221; for Ch 223: Ch 222.	Change title.
Fall 2013	M	CI	557	Student Teaching II, Middle Level	9-15		Change title.
Fall 2013	M	Comm	311	Research Methods in Communication	4	Introduction to the assumptions and methods of research in the study of human communication. Students will learn to design and conduct practical research projects and improve their ability to understand, evaluate, and use reports of research and scholarship encountered in future coursework and in everyday life. Prerequisites: Wr 222 or 333, and Comm 200.	Change prerequisites.
Fall 2013	M	Comm	316	Communication, Individuals and Discourse	4	Extends the discussion of empirical approaches to communication introduced in Comm 200. Introduces relevant social science theories of communication including theories based on cognitive, evolutionary, social psychological, constitutive and social cultural approaches. Students will study communication as a process through which individuals mutually shape and are shaped by culture through discourse. Comm 316 is a requirement for the communication major and is recommended as a prerequisite for all 400-level communication courses. Prerequisites: Comm 200.	Change prerequisites.



Fall 2013	M	Comm	317	Communicating About Violence and Children	4	Investigation of endangered and violated children in environments including domestic and global. Threats to children's safety, survival, quality of life, family or alternative care, education, health and health care, and basic human rights are examined. Trends in public awareness, information systems, organizational advocacy and intervention efforts are assessed for impact and effectiveness. Students will employ specific listening and speaking practices to promote substantive class discussions. Areas of violence investigated include: physical, sexual and verbal abuse; child soldiers; slavery; war; starvation, disease and displacement; teaching hatred; religion used as a weapon; cyber-stalking and bullying.	Change description.
Fall 2013	N	Comm	323	Introduction to Organizational Communication	4	The goal of this course is to introduce students to theories that examine how communication works in business contexts. Students will study organizational management, interpersonal conflict and conflict management in organizations. Students will learn to apply course concepts to business interactions and practices. This course is recommended preparation for Comm 423.	
Fall 2013	M	Comm	326	Communication, Society and Culture	4	Develops the idea that communicative action is theoretically driven; continues the discussion of constitutive and social-cultural theories; distinguishes between normative and social science theories of communication and introduces cultural and critical theories of communication. Comm 326 develops ideas of interpretation and critique that are introduced in Comm 200. The course extends ideas of normative theorizing including interpretive, critical and cultural theories of communication. Comm 326 is a requirement for the communication major and is recommended as a prerequisite for all 400-level communication courses. Prerequisites: Comm 200.	Change description.
Fall 2013	N	Comm	329	Introduction to Health Communication	4	Introduces students to the breadth of health communication theory and research. Course topics include provider-patient communication, social support, uncertainty management, health literacy, and health campaigns.	
Fall 2013	N	Comm	342	Introduction to Public Relations	4	An introduction to the principles and practice of professional public relations, focusing on the functions of PR in organizations, the concept of strategic communication in persuasion, relevant professional skills, the role of research, and an understanding of common ethical issues encountered. Prerequisites: Comm 200.	
Fall 2013	N	Comm	362	Bollywood: Communicating Contemporary South Asia through Cinema	4	Bollywood is a spectrum of major media industries in India and South Asia that produce entertainment for worldwide consumption. Bollywood is a recent term that highlights the transnational character of the Industry, very much like Hollywood. Specifically we will examine transnational Indian Cinema with the following emphases: 1. globalization and the politics of transnational film production, distribution, and reception; 2. local-regional-global dynamics; 3. the construction and negotiation of gender, family, nation, religion/communalism, and emerging new filmic genres; 4. issues of filmic representation and diasporic identities.	
Fall 2013	M	Comm	423/523	Advanced Organizational and Strategic Communication	4	Application of communication theory to the study of human interaction in the organizational context. Examination of the relationships between structural variables in the organization and informal communication channels, organizational culture, and strategic communication. Course requirements include completion and report of a research project. Prerequisites: upper-division standing. Expected preparation: Comm 313 or Comm 323.	Change title, description and prerequisites.
Fall 2013	N	Comm	429/529	Health Communication Campaigns	4	In-depth examination of health communication campaigns that promote behavior change using theories at the individual, interpersonal, small group, and community levels. We will explore the current media environment, in which health communication campaigns can utilize a variety of communication channels including mobile phones, social networks, video games, and entertainment television. Prerequisites: upper-division standing.	
Fall 2013	D	Comm	457/557	The Language of Violence	4		
Fall 2013	M	Comm	511	Introduction to Communication Theory	4	Introduction to the theoretical perspectives currently represented in the department, with attention to meta-theoretical considerations including ontology, epistemology, and axiology, and how these considerations shape the understanding of key concepts. Students will learn to critique and synthesize theoretical literature within each perspective.	Change title, description.
Fall 2013	D	Comm	561	Social, Institutional, and Media Theories	4		

Fall 2013	D	Comm	562	Cognitive and Relational Theories	4		
Fall 2013	D	Comm	563	Critical and Cultural Theories	4		
Fall 2013	M	Coun	589	Action Research in Counseling	1-2	Designed to enable school counselors to conduct action research projects which align with school goals and CGCP standards and objectives. Students learn about action research methods, literature reviews, needs assessments, and guidance interventions. Students develop a research proposal, conduct the research, analyze data, and disseminate results through a formal report. Two credits in Fall term, One in Winter, Two in Spring.	Change description; change credits from variable to 1-2.
Fall 2013	N	CR	302	Peace Studies	4	This introductory course explores the general questions of war and peace with units on history of peace, nonviolent conflict resolution, religious and philosophical peace orientations, costs and benefits of war and peace, laws of war and peace, selected peace leader biographies.	
Fall 2013	N	CR	303	Consensus Building	4	This course explores the theories, approaches, and practical applications of consensus building. Comprehension of consensus building organizational theory is applied through a variety of strategies, approaches, activities, and consensus building processes. These strategies, approaches, activities, and processes are contextualized through case-study literature and experiential learning assignments.	
Fall 2013	N	CR	304	Participating in Democracy	4	This course is designed to explore the meaning of democracy by constructing the notion of 'living democracy'. The importance of participating in democracy and the impediments are explored. Historical and present examples will be used to illustrate forms civic participation on the local, regional, national and international level.	
Fall 2013	N	CR	305	Ecology of War and Peace	4	Looks at environmental effects of waging and preparing to wage war, natural resource drivers to war, and what an ecology of peace would look like and what it would accomplish. Conceptually, what is a more thorough and accurate cost-benefit analysis of methods of nation-state conflict management, using the US as the case example.	
Fall 2013	N	CR	306	Introduction to Nonviolence	4	This course examines nonviolence from several perspectives, including units on philosophical and religious nonviolence, nonviolent communication, nonviolent response to personal attack, Gandhian nonviolence, Sharp strategic nonviolence, and the emergent field of nonviolent conflict forensics.	
Fall 2013	N	CR	516	Evil and Hate	4	Explores the breakdown in dialogue surrounding the stereotyping and dehumanization of those who we view as "evil doers." Challenges unreflective use the terms, "hatred" and "evil" in political rhetoric, creating a dangerous "us and them" dichotomy, and making reconciliation across cultures and viewpoints nearly impossible.	
Fall 2013	N	CR	519	Forgiveness and Atonement	4	Explores both the theoretical and practical advantages and difficulties with forgiveness and atonement. Emphasis on how forgiveness and atonement inform conflict resolution practices.	
Fall 2013	M	CR	522	Thesis and Project Prep Seminar	1	Introduction to the culminating requirement of the CR graduate program distinguishes between the two options: thesis and project. Students discuss the different goals, activities, processes, and outcomes of the two options and review theses and projects written by predecessors. Prerequisite: Admission to graduate program.	Change title, description, prerequisites.
Fall 2013	N	CR	527	Nationalism and Ethnic Conflict	4	Interdisciplinary inquiry into leading perspectives and theories of nationalism. Examined as a determinant factor of international and interethnic conflict. Analyzed through multiple case-specific conflict phenomena. Assessed in terms of its historical roots, evolution, structural patterns and socio-political antecedents and consequences.	
Fall 2013	N	CR	529	European Union as a Peacebuilding System	4	Interdisciplinary focus on the European Union as an inter- and trans-national system of conflict resolution and peace building. Examined by contrasting the nationalist conflicts of old Europe to post-war efforts in building a system of peace and security that transcends belligerent ethnocentric nationalism.	

Fall 2013	M	CS	162	Introduction to Computer Science	4	The goals of this class are to teach the syntax of C++ to students who already know how to program. Students are expected to be proficient at using conditionals, I/O, loops, and functions with arguments. Topics include: conditionals, I/O, files, functions, classes, pointers, dynamic memory, linear linked lists, and multi-dimensional arrays in C++, as well as program correctness, verification, and testing. Three hours lecture and one 3-hour laboratory. The laboratory emphasizes practical programming skills. Prerequisites: CS 161 or prior programming experience. Co-requisites: concurrent enrollment in CS162L.	Change description & prerequisites.
Fall 2013	M	CS	163	Data Structures	4	Data abstraction with formal specification. Elementary algorithm analysis. Basic concepts of data and its representation inside a computer. Linear, linked, and orthogonal lists; tree structures. Data structures are implemented as data abstractions using pointer based implementations. Sorting and search strategies. Data management. Three hours lecture and one 3-hour laboratory. The laboratory emphasizes practical programming skills. Prerequisite: CS 162 with a grade of C or better. Co-requisites: concurrent enrollment in CS163L.	Change description & prerequisites.
Fall 2013	M	CS	386	Introduction to Databases	4		Change number to CS 486/586, change title.
Fall 2013	M	CS	441/541	Artificial Intelligence	4/3	Introduction to the basic concepts and techniques of artificial intelligence. Knowledge representation, problem solving, machine learning, natural language understanding, and AI search techniques. Prerequisites: CS 202.	Change description & prerequisites.
Fall 2013	M	CS	445/545	Machine Learning	4/3	Provides a broad introduction to techniques for building computer systems that learn from experience; conceptual grounding and practical experience with several learning systems; and grounding for advanced study in statistical learning methods, and for work with adaptive technologies used in speech and image processing, robotic planning and control, diagnostic systems, complex system modeling, and iterative optimization. Students gain practical experience implementing and evaluating systems applied to pattern recognition, prediction, and optimization problems. Prerequisites: Mth 343, Stat 451, and CS 202.	Change prerequisites.
Fall 2013	M	CS	469, 470	Software Engineering Capstone	3,3		Change number from CS 487, 488.
Fall 2013	N	CS	480/580	Randomized Algorithms and Probabilistic Analysis	4/3	Probabilistic tools used in the design and analysis of modern algorithms and data structures. Topics include: review discrete random, occupancy problems, tail bounds, Markov chains, the probabilistic method, martingales, Monte Carlo methods. The course explores a variety of CS applications. Prerequisites: CS 350, Stats 451.	
Fall 2013	M	CS	486/586	Introduction to Database Management Systems	4/3	Introduction to fundamental concepts of database management systems using primarily the relational model. Schema design and refinement. Query languages. Database application development environments. Overview of physical data organization, query optimization and processing, physical design, security, and transactions used in recovery and concurrency control. Prerequisites: CS 161, 250. Expected preparation: CS 251.	Change number from 386, title, description.
Fall 2013	M	CS	487, 488	Software Engineering Capstone	3,3		Change number to CS 469, 470.
Fall 2013	M	CS	487/587	Database Management Systems Implementation	4/3	Internal design of a relational database management system. Concurrency control; lock managers; crash recovery; query and operator evaluation; query optimization; storage management; index structures; system catalogs. Prerequisites: CS 586/686 and CS 333.	Change title, add 487, drop 687.
Fall 2013	M	CS	492/592	Malware	4	This course will study the motivations of malicious code developers and the common weaknesses their code has exploited. In addition, the course explores the form and function of a range of malware while exploring how the increased mixing of code and data is now exposing us to an array of security vulnerabilities and exploits. Given these threats, the course will then examine modern defenses against malware and how they can be used to protect users. Prerequisites: junior-standing and admission into the CS program.	Change title, description, & prerequisites.
Fall 2013	N	CS	498/598	Introduction to Wireless Network Protocols	4/3	Classification of wireless networking systems; study of multiple access protocols in single hop and multi-hop networks; performance analysis of protocols; overview of emerging radio technologies for high-throughput next generation systems; study of wireless communication protocol standards for cellular systems; case studies of deployed systems. Prerequisites: CS 250 or ECE 271.	

Fall 2013	M	CS	586/686	Introduction to Database Management	3		Change number, drop 686, add 486, change title and description.
Fall 2013	N	EAS	333	Problems, Solutions, and Systems Thinking	4	Provides the basis of systems thinking, foundational in addressing modern challenges. Develops skills, through diverse team and individual exploration in real-world applications, to assist in understanding vague problems, examine causes and solutions to complex scenarios. Gives an appreciation of systems thinking and the foundational philosophy of a modern learning organization.	
Fall 2013	M	ECE	241	Introduction to Electrical Engineering	4	DC circuit theory, passive electrical components, transient and sinusoidal steady state circuit responses, ac and three-phase power, op-amp circuits, and transformers; laboratory. Prerequisites: Mth 252.	Change description, prerequisites, credit hours from 5 to 4.
Fall 2013	D	ECE	325	Distribution and Sustainable Energy Systems	4		
Fall 2013	N	ECE	347	Power Systems I	4	Fundamentals of electrical power systems, particularly non-rotating three-phase power systems. Phasor representation. Complex impedance. Real, reactive, apparent power. Power factor. Non-sinusoidal representation: power quality, THD. Power factor, resonance, PF correction. Power Transformers. ABCD representation of two-port transmission networks. Power systems representation: single-line diagrams, per-unit representation. Power flow analysis. Weekly Lab. Prerequisites: ECE 223 or instructor permission.	
Fall 2013	N	ECE	348	Power Systems II	4	Fundamentals of electrical power systems, particularly rotating three-phase machines. Electromechanical machine components: rotor, stator, poles. Rotating magnetic fields. Fundamental rotational mechanics. Three-phase (induction and synchronous) and split-phase AC motors and generators. DC machines: shunt, series, compound and brushless. Motor and generator controls. Weekly Lab. Prerequisites: ECE 347, or instructor permission.	
Fall 2013	N	ECE	420/520	Analytical Methods for Power Systems	4	Power systems modeling. Admittance matrixes. Load flow computational methods; Gauss-Seidel, Newton-Raphson, DC, fast-decoupled power flow. Sparsity techniques. Optimal power flow algorithms. Symmetrical components, sequence networks. Symmetric, unsymmetric faults. Space vector transformations. Transient operation of transmission lines. Voltage, frequency stability. State estimation. Transient stability. Power system analysis emphasizing non-dispatchable resources. Prerequisites: ECE 347, or instructor permission.	
Fall 2013	D	ECE	441	Electrical Energy Systems Componentets	4		
Fall 2013	D	ECE	442	Electrical Energy Systems Protection and Control	4		
Fall 2013	M	ECE	448/548	Power System Protection	4	Relaying concepts, per unit calculations & symmetrical components, phasors, polarity and direction sensing, current/voltage transformers, protection fundamentals & basic design principles, system grounding principles, device protection, directional comparison, blocking & blocking pilot protection, line differential & phase comparison pilot protection, out of step tripping and blocking. Weekly Lab. Prerequisites: ECE 420/520, or instructor permission.	Change description, prerequisites, add 448.
Fall 2013	N	ECE	449/549	Power Systems Design	4	Design fundamentals as applied to power systems. Electrical design: electrical equipment, insulation, protection, grounding. Mechanical design: clearances, siting, support structures. Right-of-way. Asset management. Commissioning. Applicable codes and standards. Course topics will be taught by focusing on a particular subset of power systems such as transmission, distribution, substations or generation. Prerequisites: ECE 448/548, or instructor permission.	
Fall 2013	N	ECE	524/624	Advanced Embedded <i>In Silico</i> and <i>In Materio</i> Computing	4	Introduces and develops the advanced hardware and software concepts, design methodologies, and programming paradigms of emerging embedded in silico and in materio computing systems. Topics covered: physics of computation, spatial computing paradigms, self-assembly and self-organization, morphogenetic systems, molecular and nano-scale computing, non-classical computing and non-classical programming paradigms, amorphous computing. Prerequisites: ECE 371 or permission of the instructor.	
Fall 2013	D	ECE	530	Fault Tolerant Systems	4		
Fall 2013	N	ECE	537	Advanced Toics in Power Systems	4	In-depth exploration of a challenging contemporary topic within power systems. Each offering of this course focuses on a specific topic; this is not a survey course. Prerequisites: ECE 420/520 or instructor permission.	

Fall 2013	M	ECE	541	Power Operations Fundamentals I	4	Power system operations theory and practice; fundamental concepts and applications. Balancing authority operations concepts concerning regulation and applied regulatory constraints, power operations trading markets, smart-grid systems, transmission and generation components, and cyber security. Prerequisites: ECE 347 or instructor permission.	Change title, description & prerequisites.
Fall 2013	M	ECE	542	Power Operations Fundamentals II	4	Power system operations theory and practice; advanced concepts and applications. Emphasis on understanding the electric industry as a complex system; operations concepts for balancing authority utilities; regulatory constraints, interoperability and impacts on operations; project management of smart-grid systems; design of programmatic, distribution and utility-scale renewable components; utility cyber security. Prerequisites: ECE 541, or instructor permission.	Change title, description & prerequisites.
Fall 2013	M	ECE	543	Power Systems Control	4	State estimation, security and contingency monitoring, automatic generation control, economic dispatch, optimal power flow, power system stability, unit commitment and pool operation. Prerequisites: ECE 448/548, or instructor permission.	Change title & description, drop 643.
Fall 2013	M	ECE	547	Energy Economics	4	Electric power operation and information systems, optimization methods, information technologies, short-term electricity markets and locational marginal prices, risk management and financial derivatives, basics of public-good economics, optimization methods. Prerequisites: ECE 347, or instructor permission.	Change title, description, prerequisites.
Fall 2013	N	ECE	550	Power System Stability	4	Electromechanical dynamic modeling, analysis, calculations related to transient and steady-state stability within electric power systems. Factors affecting power system transient stability: load, generation, network topology, protection clearing times, reclosing. Machine models. The swing equation. Equal area criterion. dq0 modeling of synchronous machines. P-f, Q-V loops for synchronous machine control. Prerequisites: ECE 448/548 or instructor permission. Prerequisites: ECE 448/548 or instructor permission.	
Fall 2013	D	ECE	563/663	Information Theory	4		
Fall 2013	N	ECE	571	Introduction to System Verilog for Design and Verification	4	Introduction to SystemVerilog: language features to support both design and verification. Good practices for simulation and synthesis, techniques for constructing reusable testbenches. Additional topics may include hardware acceleration and transaction-based verification techniques. Course includes homework and significant final project with presentation. Familiarity with Verilog and finite state machines required. Prerequisites: ECE 351 or equivalent, or permission of instructor.	
Fall 2013	N	ECE	580	Advanced Power Systems Protection	4	The second course protection for students who have taken a previous class or have substantial experience in protective relaying. Emphasis: analysis of principles and application of microprocessor-based relays (digital relays) to protection of high-voltage transmission lines, power transformers, power generators, high-voltage substation equipment; wide-area approach to power systems protection. Prerequisites: ECE 448/548, or instructor approval.	
Fall 2013	D	ECE	584/684	Nanotechnology and Biosensors	4		
Fall 2013	D	ECE	593/693	Advanced Laser Systems	4		
Fall 2013	D	ECE	595/695	Optoelectronics I	4		
Fall 2013	M	ECE	641	Power System Planning	4	Regulatory issues, power quality, system design for reliability, transient and voltage considerations, distributed generation, information technology requirements, market implications, remedial action and contingency analysis, NERC requirements. Prerequisites: ECE 420/520, or instructor permission.	Change description & prerequisites.
Fall 2013	D	ECE	642	Energy Systems Capital Budgeting	4		
Fall 2013	D	ECE	643	Sustainable Energy Systems	4		
Fall 2013	N	ED	530	Introduction to Inclusion and Special Education	2	Provides an introduction to special education and the philosophy and practices associated with inclusive education. Provides historical, social and legal foundations for inclusive education. Provides students with an opportunity to develop and defend a position regarding the inclusion of students with special needs in general education. Prerequisites: Admission to the Inclusive Elementary Educators Program.	

Fall 2013	N	ED	531	Planning and Instruction for Students with Special Needs	3	This course examines instructional methods, knowledge, and skills needed by elementary classroom and special education teachers for the instruction of students with special learning needs. Other content includes relevant federal and state policies and procedures, individual education plans, and differentiated lesson plans. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	N	ED	532	Human Development and Learning	3	Students will develop an understanding of psychological concepts, theories, and principles and apply them to learning and instruction. Four areas of psychological research that have significant implications for learning will be emphasized: cognitive and metacognitive factors, motivational and affective factors, developmental and social factors, and individual differences. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	N	ED	533	Literacy Methods for the Inclusive Classroom: I	3	Provides a foundation in research-based instruction for teaching literacy to early childhood/elementary students in inclusive educational settings. Provides an overview of language and literacy development for typical and atypical learners. Presents effective instructional practices for teaching and assessing emerging reading, beginning reading, primary and intermediate decoding skills, vocabulary, comprehension, and writing. Practice opportunities will be provided at the teacher candidates' field experience sites. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	N	ED	534	Literacy Methods for the Inclusive Classroom: II	3	This course will examine instructional methods that are effective for teaching all students to read, write, and spell. Emphasis will be placed on key processes that have been demonstrated through research to be essential for developing competency in reading, writing, and spelling for students with special learning needs. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	N	ED	535	Classroom Based Assessment for the Inclusive Educator	2	This course provides a theoretical framework for using assessment to guide instructional decisions. Teacher candidates will learn about formative assessment and data-based decision-making. The primary focus of the course is for teacher candidates to learn to understand critical features of assessment in education and use assessment to guide instructional decisions. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	N	ED	536	Educational Research and Inclusive Education	3	The goals of this course are to enable students to become intelligent consumers of educational research, assist students in the conceptualization and design of a research project, aid students in developing an understanding of the scientific process, and aid students in developing an understanding of research- and evidence-based educational practice. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	N	ED	537	Professional Seminar I: Law and Ethics	1	This course has two major focuses: educational law and policy at the federal and state level, and ethics of the teaching profession. The course is also a forum for reflection and discussion of field experience. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	N	ED	538	Professional Seminar II: Philosophy	1	This course provides a forum for discussion and reflection of the field experience, leads to the creation of a teaching philosophy statement and provides guidance for the completion of the work sample. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	N	ED	539	Professional Seminar III: Reflection and Job Search	1	This course serves multiple purposes. It serves as a vehicle for discussion and reflection of field experiences. Seminars will focus on preparing materials for the job search. Some seminar time will be used for student advising re licensure and graduation. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	N	ED	540	Functional Assessment for the Inclusive Elementary Educator	3	Develops philosophical and social foundations for services to individuals with significant and multiple disabilities, early childhood through elementary. Emphasizes ecological and functional assessment strategies for life skills, communication, social, motor, and functional academic domains. Strategies for including students with significant and multiple disabilities in system-wide, standards-based assessment are addressed. Prerequisites: Admission to the Inclusive Elementary Educators Program.	

Fall 2013	N	ED	541	Functional Curriculum for the Inclusive Elementary Educator	3	Course applies knowledge and skills for functional assessment and applied behavior analysis in the design and implementation of an individualized, functional curriculum for students with significant and multiple disabilities, early childhood through elementary. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	N	ED	542	Collaboration for the Inclusive Elementary Educator	2	This course covers broadly the context, process, and content of collaboration and teamwork in the schools with a specific focus on the inclusion of students with disabilities and special needs in general education classrooms. Other topics include co-teaching, problem solving, and conflict resolution. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	N	ED	543	Specialized Techniques for the Inclusive Elementary Educator	1	Presents Information and skills necessary for meeting the specialized support needs of students with significant disabilities. Course is designed to assist the educator in becoming an effective member of a trans-disciplinary team that serves students with routine and emergency medical and physical needs and is taught from an inclusive perspective. Prerequisites: Admission to the Inclusive Elementary Educators Program.	
Fall 2013	M	ELP	318	Introduction to Educational Leadership in Public Schools	4	Familiarizes students with the theoretical development, empirical studies, policies, and decision making processes of public schooling. Structured around a number of themes, including instructional leadership, moral leadership, democratic leadership, facilitative leadership, curricular leadership, constructivist leadership, and ethical leadership in education. Students explore the operational meaning of these perspectives through a combination of experiences including class discussions, case studies, guest speakers, and interviews and observations of school leaders at work. Course includes an additional, concurrent 30-hour minimum field project requirement.	Change number from 418, change title.
Fall 2013	N	ELP	324	Introduction to Spiritual Leadership	4	An introductory exploration into spirituality and its connection to leadership. The meaning of engaged spiritual leadership will be examined through such themes as: identity, paradox, interconnectedness, and sustainability. A community-based field project offers an opportunity to examine leadership issues through the lens of spirituality.	
Fall 2013	M	ELP	348	Introduction to Global Political Ecology	4		Change number from 448.
Fall 2013	N	ELP	349	Gandhi, Zapata and New Agrarianism	4	This course explores the emergence of "new agrarianism" by examining the social, political, economic and ecological implications of agriculture, and the revolutionary efforts of Zapata and Gandhi against the abuses of modern industrial practices. Recent philosophical and ecological models of new agrarianism are introduced, with emphasis on local food systems.	
Fall 2013	M	ELP	350	Introduction to Leadership for Sustainability	4		Change number from 450.
Fall 2013	M	ELP	351	Gender and Education	4		Change number from 455.
Fall 2013	M	ELP	356	Introduction to the Urban School and "At-Risk" Status	4		Change number from 456, change title, drop 556.
Fall 2013	N	ELP	362	Introduction to School and Community Relations	4	Major emphasis will be on exploring the ways schools interact with parents, citizens and special interest groups that lead to building a diverse community. Course includes an additional, concurrent 30-hour minimum field project requirement.	
Fall 2013	M	ELP	418/518	Educational Leadership in Public Schools	4		Change number to 318, change title, drop 518.
Fall 2013	M	ELP	448	Introduction to Global Political Ecology	4		Change number to 348.
Fall 2013	M	ELP	450	Introduction to Leadership for Sustainability	4		Change number to 350.
Fall 2013	M	ELP	455/555	Gender and Education	4		Change number to 351, drop 555.
Fall 2013	M	ELP	456/556	The Urban School and "At-Risk" Status	4		Change number to 356, change title, drop 556.
Fall 2013	N	ELP	524	Spiritual Leadership for Sustainable Change	4	This course explores how spirituality is integrated into teaching and learning, and into the work of engaged citizens. Spiritual leadership is explored through such themes such as: authenticity, identity, paradox, relationships, and sustainability. Community-based learning provides an opportunity to examine leadership and sustainability issues through a spiritual lens.	

Fall 2013	N	Eng	310	Children's Literature	4	Looks at literary works written for children in their cultural contexts and focuses on changing notions about propriety, education, children's literature, and the very idea of childhood itself.	
Fall 2013	N	Eng	531	Topics in English Studies	1	Examines various theories, history, scholarship, pedagogy, and professional development in the field of English Studies. Topics always differ each term. May be repeated for up to six credits.	
Fall 2013	M	ESM	475/575	Limnology and Aquatic Ecology	4	Encompasses biological, physical, geological, and chemical aspects of freshwater environments. Overview of lake ecosystems, emphasizing fundamental interactions, processes, and ecology, as well as an appreciation of the impact of human activities on these waterbodies. A field trip is required. Prerequisites: ESM 321 or Bi 357. Expected preparation: Ch 223.	Change description, prerequisites.
Fall 2013	N	ESM	555	Science Communication	1	Students will outline the objectives involved in presenting scientific information to different audiences, including the role of the speaker, visual presentation of data, written and mixed media. This is the same course as ESR 655 and may be taken only once for credit.	
Fall 2013	N	ESM	556	Advanced Science Communication	1	Students will explore more advanced topics on presentation and proposal preparation. All students will prepare a mocked up poster based on cognitive and graphic design principles. They will create an extended outline for a research proposal. Peers in class will critique posters and proposals. Prerequisites: G 610 Writing Skills or ESM 555. This is the same course as ESR 656 and may be taken only once for credit.	
Fall 2013	N	ESM	557	Science, Media and the Public: Working with the Media to Create Effective Scientific Messages	1	Scientists need to explain their studies to the public through mass media. Topics include; audience, different media, the reporters' process, editor's view of science stories, and how inaccuracies get perpetuated. Students will evaluate a wide variety of mass media materials, interview practice, and guests' description of various media. Prerequisites: graduate standing or permission of instructor. This is the same course as ESR 657 and may be taken only once for credit.	
Fall 2013	M	ESM	220	Introduction to Environmental Systems	4	Introduction to the structure and function of terrestrial, aquatic, and atmospheric systems, including the human actions that affect them. Includes a lab section that introduces basic quantitative techniques for collecting and analyzing data from environmental systems; 2 lecture periods, one 3-hour lab. Expected preparation: Stat 243 (may be taken concurrently).	Change prerequisites.
Fall 2013	M	ESR	632	Toics in Transdisciplinary Writing and Communication	1		Change course number, title, description.
Fall 2013	N	ESR	655	Science Communication	1	Students will outline the objectives involved in presenting scientific information to different audiences, including the role of the speaker, visual presentation of data, written and mixed media. This is the same course as ESM 555 and may be taken only once for credit.	
Fall 2013	N	ESR	656	Advanced Communication Skills for Doctoral Students	1	Students will explore more advanced topics on presentation and proposal preparation. All students will prepare a mocked up poster based on cognitive and graphic design principles. They will create an extended outline for a research proposal. Peers in class will critique posters and proposals. This is the same course as ESM 556 and may be taken only once for credit.	
Fall 2013		ESR	657	Science, Media and the Public: Working with the Media to Create Effective Scientific Messages	1	Scientists need to explain their studies to the public through mass media. Topics include; audience, different media, the reporters' process, editor's view of science stories, and how inaccuracies get perpetuated. Students will evaluate a wide variety of mass media materials, interview practice, and guests' description of various media. This is the same course as ESM 557 and may be taken only once for credit.	
Fall 2013	M	ETM	544/644	Organizational Project Management	4	Covers the strategic components which drive the integration of initiatives, goals and projects within an organization. It involves the three primary domains of Portfolio, Program and Project Management. These domains support the management of business units, functions or company divisions and need to be in alignment for the business organization to be effective in pursuit of its vision. Includes coverage of macro level project management topics such as project management maturity models and the micro level such as agile project management.	Change description.



Fall 2013	N	Fin	554	Alternative Investments	2	Introduces the role financial institutions play in financial markets, the structure of institutions and how they facilitate economic growth through the transfer of capital. The course then analyzes how institutions measure and manage the unique risks that they are exposed to through their ordinary operations. Prerequisites: Fin 511.	
Fall 2013	M	G	312	Mineralogy	3	Description, classification, and genesis of minerals and their importance for understanding the make up of the Earth and planets, mineral resources, and industrial applications. Prerequisite: one year of general chemistry. Co-requisite: G313.	Change credits from 5 to 3; change description.
Fall 2013	N	G	313	Methods in Mineralogy	2	Analytical and imaging methods to evaluate a range of physical and chemical properties of minerals such as morphological features, quantitative evaluations of chemical constituents, and determination of crystal structures used for mineral identification. Prerequisites: one year of general chemistry. Corequisite: G 312.	
Fall 2013	M	G	314	Petrology	3	Origin, classification, and distribution of igneous, metamorphic, and sedimentary rocks. Composition of the Earth's crust and mantle. Emphasis on rock type assemblages and their genesis occurring at major plate tectonic environments as represented by active/passive continental margins, rift zones, ocean basins and trenches, ocean islands, continent-continent collision belts, and stable cratons. Prerequisite: G312. Co-requisite: G315.	Change credits from 5 to 3; change description.
Fall 2013	N	G	315	Lithology and Petrography	2	Description of the physical characteristics of naturally occurring rocks in hand specimen and thin section under the petrographic microscope. Understanding textures and fabrics of rocks and what physical and chemical parameters control them such as crystallization and nucleation rate, compositional environment, stress field, and provenance characteristics. Prerequisites: G 312, G 313. Corequisite: G 314.	
Fall 2013	M	G	318	Processes in the Surface Environment	3	Physical processes occurring in the upper crust including tectonic provenances, weathering, mass transport, fluid-sediment transport, depositional environments, stratigraphic sequences, and intrastratal diagenesis. Prerequisite: G 201/204 and G 202/205. Co-requisite: G319.	Change credits from 5 to 3; change description.
Fall 2013	N	G	319	Processes in the Surface Environment: Methods	2	Introduction to methods of investigation of physical processes occurring in Earth's upper crust. Topics include design and use of environmental sensors, landscape analysis using digital data sets, and scale model experiments. Prerequisites: G 201/204 and G 202/205. Corequisite: G 318.	
Fall 2013	M	G	340	Life of the Past	4	Origin and development of plants, animals and man on earth, as interpreted from the study of fossils and the sedimentary rocks in which they occur. Includes integrated laboratory and field experience. Prerequisite: upper-division standing. Two lectures, one 2-hour laboratory (academic year) or field studies (summer).	Change course number from G 430/530.
Fall 2013	M	G	341	Geology of the Oregon Country	4	Origin and geologic history of landscape features in Oregon and the Pacific Northwest. Two lectures, one 2-hour laboratory (academic year) or field studies (summer). Prerequisites: upper-division standing.	Change course number from G 452/552; add prerequisites.
Fall 2013	M	G	342	Volcanoes and Earthquakes	4	A study of volcanoes and earthquakes as they affect humans and the development of landscapes. A field trip is required. Prerequisite: an introductory science course.	Change course number from 457; change description.
Fall 2013	M	G	430/530	Life of the Past	4		Change course number to G 340; drop G 530.
Fall 2013	M	G	452/552	Geology of the Oregon Country	4		Change course number to G 341; drop 552 option.
Fall 2013	M	G	457	Volcanoes and Earthquakes	4		Change course number to 342; change prerequisites.
Fall 2013	M	Geog	694	Methods and Models in Ecosystem Services	4	Evaluates changing ecosystem services in a holistic way, drawing multiple disciplines, including ecology, economics, engineering, and geographical and spatial sciences. Introduces methods and models from multiple disciplines to analyze ecosystem services across biophysical, social economic, and cultural contexts. Provides an interdisciplinary foundation for evaluating ecosystem services. This is the same class as Mgmt 694 and may be taken only once for credit.	Change course number from 696; change title & description.
Fall 2013	M	Geog	696	Dynamics of Ecosystem Services	4		Change course number to 694; change title, description.

Fall 2013	M	Ger	301	Listening and Speaking	4		Combine with Ger 302 into sequence.
Fall 2013	M	Ger	302	Reading and Writing	4		Combine with Ger 301 into sequence.
Fall 2013	M	Ger	301, 302, 303	Third-year German	4,4,4	Continued development of speaking, listening, reading and writing skills through study of appropriate texts, conversation, activities, and written assignments. Expected preparation: Ger 203.	Combine Ger 301, 302 into sequence; add 303 to sequence; change title and description.
Fall 2013	N	GSCM	511	Principles of Strategic Global Sourcing	4	Overview of planning strategies and tactical execution for sustainable operational sourcing in a global environment. Topics to be reviewed include; locating and qualifying international suppliers, the strategies regarding outsourcing / off-shoring, supplier & operational metrics and strategies, establishing and maintaining relationships, e-procurement, new product introduction, and quality systems with selected suppliers.	
Fall 2013	N	GSCM	512	Global Managerial and Cost Accounting	4	The course covers global managerial & cost accounting issues, and focuses on the use of accounting information within the multinational firm. In addition, the course will consider financial models used in analyzing the economic viability of new products and services. Students will also be exposed to activity based costing, standards and variance analysis, and inventory valuation.	
Fall 2013	N	GSCM	513	Principles of Strategic Global Logistics	4	This course deals with the development of strategies supply chain management involving the transfer of goods and services across national boundaries. Included are studies of inventory and warehouse planning and control and the principles of transportation. Managing logistics in an international environment will be the primary focus, with special attention given to air, rail, truck, and sea transportation.	
Fall 2013	N	GSCM	514	Reverse Logistics and Closed Loop Supply Chain	4	The increasing globalization of suppliers and customers has increased concern with the issues of sustainable and responsible management across global supply chains. In this course students will explore the main risks, opportunities and practices we now see in global supply chain management from both conceptual and practical perspectives on sustainable practice. Students in this course will engage in applied studies and learn from academics and practitioners about the current challenges in this critical business arena.	
Fall 2013	N	GSCM	515	Global Case Studies in Supply Chain Management	4	The final course in the Supply and Logistics Specialization integrates all of the concepts contained within the previous three classes. Global Supply and Logistics planning and strategy development is the primary focus. This is a case study based course where each week students are expected to analyze and prepare supply and logistics cases in an international setting. Emphasis is on developing analytical and problem-solving skills and generating the quantitative and qualitative information necessary to make superior managerial decisions.	
Fall 2013	N	GSCM	516	Global Supply Chain Forecasting and Production Planning	4	The objective of this course is to familiarize students with the major tools used for manufacturing planning and control. To this end, we will perform an in-depth analysis of integrated operations management systems with emphasis on operations planning and control, material requirements planning, master scheduling, forecasting, capacity planning, just-in-time and related topics. These tools will be covered with more detail than previous SCM courses and we will examine how the various components fit together to form a complete system.	
Fall 2013	N	GSCM	517	Supply Chain International Field Study	4	Economic globalization can provide enormous strategic benefits (risks) by coordinating operations located in different countries. Today's producers must coordinate international material flow, produce in multiple countries, and deliver new products to customers at ever increasing speed and on-time. This course will provide students with an "on the ground" opportunity to explore the challenges in globalized operations strategies.	
Fall 2013	N	GSCM	518	Global Supply Chain Project Management	4	This course emphasizes how to implement a project within the time, cost, scope, and quality success criteria that influence supply chain strategies. The spectrum of project management in supply chain includes the participation in new product development, sourcing of supply, the transformation process, logistics, and planning for the return of materials after the life cycle is complete.	

Fall 2013	N	GSCM	519	Global Supply Chain Negotiations	4	The purpose of this course is to analyze the negotiation challenges faced by the global supply chain professional. Thus the content is focused on contract negotiation, Uniform Commercial Code, UN Convention on Contracts, and e-procurement. The course will encourage development of these skills experientially by emphasizing relationships and a total cost perspective.	
Fall 2013	N	GSCM	520	Global Supply Chain Strategy	2	In this course students develop the ability to conceptualize, design, and implement supply chains aligned with product, market, and customer characteristics. Students assess how internet technologies, dynamic markets, and globalization are impacting supply chain strategies and practices, including: logistics, inventory and risk management, procurement and supply contracting, product and process design, and revenue channels.	
Fall 2013	N	GSCM	521	Global Information, Systems and Data Analytics	4	The premise of this course is that supply chain management must understand and assess the information resources and technologies that underpin the life cycle of goods and services. Information is generated at each stage of the supply chain and crucial to the performance is where and how to store, analyze and act upon its insights.	
Fall 2013	N	GSCM	522	Global Leadership and Ethics in Supply Chain Management	2	This course provides students with a solid understanding of the concepts linking leadership to global and social systems, international organizational development, and the connection between leadership, systems, and global supply chains. Global leadership is studied from four perspectives: the virtual team leading across borders and organizations, ethical and cultural ramifications of leadership, and the ethical traits of global leaders and followership, and your own value system and its place within a global supply chain organization.	
Fall 2013	N	GSCM	525	Supply Chain Capstone Consulting Experience	4	The course provides students the opportunity to have a significant, hands-on experience that builds upon the foundation of the core of the GSCM program. Students, operating as part of a consulting team, work closely with a client to help to solve a supply chain oriented business problem. The scope of the project is 600 hours of research as a group on the behalf of the client.	
Fall 2013	M	Hst	201, 202, 203	History of the United States	4,4,4	General survey of United States history. Hst 201: colonial era to 1840; Hst 202: 1840 to 1914; Hst 203: 1914 to present.	Change course number; add 203 to sequence; change description.
Fall 2013	N	Hst	317	Jewish History from Antiquity to the Medieval Period	4	Introduces students to the Jewish historical experience from its Biblical origins through the end of the first millennium CE primarily by means of close readings of primary sources. Describes the diverse forms of Jewish life under Persian, Greco-Roman, Early Christian and Muslim rule and examines the boundaries of pre-modern Jewish cultural and religious identity. This is the same course as JSt 317 and may be taken only once for credit.	
Fall 2013	N	Hst	318	Jewish History from the Medieval Period to the Present	4	Survey of Jewish history from the year 1000 to the present, covering major developments in Jewish society and culture in the medieval Islamic and Christian realms, early modern Europe and the Middle East, and the modern world. Topics include religious thought, communal and political structures, and Jewish/non-Jewish relations. This is the same course as JSt 318 and may be taken only once for credit.	
Fall 2013	N	Hst	319	Rabbinic Culture in the Roman World	4	Introduction to history and literature of the rabbinic movement in Roman Palestine, 70 CE-500 CE. Origins of the rabbis, their role in society, genres of rabbinic literature (Mishnah, Talmud, Midrash), rabbinic law and theology and rabbinic attitudes towards the urban culture of the Roman Near East. This is the same course as JSt 319 and may be taken only once for credit.	
Fall 2013	N	Hst	332	History of the North American Fur Trade	4	Examines the global fur trade in North America, including ocean and river transportation and exploration, the emergence of Metis populations, company cultures, and the migration of peoples to and within North America. Will address the Hawaiian Islands, Russian America, Canada, the Pacific Northwest, St. Louis and New Orleans.	
Fall 2013	N	Hst	335	Race and Ethnicity in U.S. History	4	This course studies the history, meaning and construction of racial and ethnic identities in the U.S. from European colonialism to present. It engages the ways in which social practices, science, economics, cultural images, and local and federal laws worked to attach meaning to the ideologies of racial and ethnic identities.	

Fall 2013	N	Hst	363	History of the British Empire	4	Surveys four centuries of the expansion and decline of the British Empire. Emphasis on the military, political and economic history of imperialism, the comparative study of colonial territories, and the emergence of post-colonial societies. Expected preparation: upper-division standing.	
Fall 2013	N	Hst	375	History of Kievan and Muscovite Russia, 800-1700	4	Explores Kievan Rus and Muscovite Russia. Emphasis on political change, social conflicts, and identity formation through the appanage period. Mongol rule, the rise of Muscovy, and territorial expansion.	
Fall 2013	M	Hst	475/575	Topics in Early Russian History	4	Analysis of primary sources and historiographical debates on selected topics from Kievan Rus' to Muscovite Russia (800s-1600s). Expected preparation: Hst 375, 376, or 377.	Change title, description.
Fall 2013	N	Intl	472	Media and International Relations	4	Examines the role of media (traditional and new media), historical and contemporary, in the conduct of international relations and in the reporting and representations of national and international politics and cultures. Prerequisites: junior standing.	
Fall 2013	M	ISQA	512	Information Systems and Technology in Organizations	4		Change prefix and number to Mgmt 515.
Fall 2013	N	Jpn	423/523	Modern Japanese Poetry	4	An introduction to modern Japanese poetry including new forms (shi) and modern variations on traditional forms (tanka, haiku). Students read poems in Japanese, analyze syntax, learn genre requirements, and understand the history of modern Japanese poetry. Prerequisites: Jpn 416 and 417.	
Fall 2013	N	Jpn	424/524	Contemporary Japanese Poetry and Pop Culture	4	An introduction to contemporary Japanese pop culture including free verse, traditional tanka, song lyrics, and comic books (manga). Students read verse in Japanese, analyze syntax, learn genre requirements, and understand the history of modern Japanese poetry and songs; students analyze sequential-art narratives to understand multiple aspects of Japanese pop culture. Prerequisites: Jpn 416 and 417.	
Fall 2013	M	JSt	201	Introduction to Judaism	4	Traces the development of Judaism as a religious system and civilization from the biblical period through the middle ages and into the modern era. Describes the practices and beliefs of Judaism as a lived religion primarily through the investigation of primary sources.	Change title & description.
Fall 2013	N	JSt	317	Jewish History from Antiquity to the Medieval Period	4	Introduces students to the Jewish historical experience from its Biblical origins through the end of the first millennium CE primarily by means of close readings of primary sources. Describes the diverse forms of Jewish life under Persian, Greco-Roman, Early Christian and Muslim rule and examines the boundaries of pre-modern Jewish cultural and religious identity. This is the same course as Hst 317 and may be taken only once for credit.	
Fall 2013	N	JSt	318	Jewish History from the Medieval Period to the Present	4	Survey of Jewish history from the year 1000 to the present, covering major developments in Jewish society and culture in the medieval Islamic and Christian realms, early modern Europe and the Middle East, and the modern world. Topics include religious thought, communal and political structures, and Jewish/non-Jewish relations. This is the same course as Hst 318 and may be taken only once for credit.	
Fall 2013	N	JSt	324	Historical Introduction to Hebrew Bible/Old Testament	4	Historical survey of Hebrew Bible/Old Testament. Investigates Israelite religion in the context of the Ancient Near East, exploring ideas about community, sanctity, social justice, prophesy, wisdom, and the nature of human suffering.	
Fall 2013	N	JSt	333	Israeli Culture and Society	4	Investigates the foundation and development of an Israeli national culture and its role in shaping contemporary Israeli society. Explores how history, politics, gender, religion, and ethnicity operate in the public arena. Key topics include myth and memory, public and state events, music and dance, theater and architecture. No prerequisites required.	
Fall 2013	N	JSt	379	History of Zionism	4	Zionism as ideology and practice in context of Jewish and European history. Includes society and culture Zionism created under the British mandate of Palestine, roots of the Arab-Jewish conflict in this context, and impact on Jewish life and politics in Eastern and Central Europe and the United States.	
Fall 2013	N	JSt	380	The Holocaust	4	An introduction to the Nazi-planned and -executed genocide of European Jewry known as the Holocaust. Topics includes the German and European contexts for the rise of Nazism; antisemitism and its links to Nazi ideology and policy; European Jewry in the interwar period; the "Final Solution"; resistance and collaboration.	

Fall 2013	N	Kor	330	Topics in Korean Culture and Civilization: Korean Popular Culture	4	A multimedia survey of development and trends of Korean popular culture in contemporary Korea. Examines various forms of its popular culture—including K-pop, TV dramas, cinema, food, fashion, and the Internet— and studies their implications in social, political, historical, and economical contexts. Conducted in English.	
Fall 2013	M	LIB	536	Design and Production of Instructional Media	3	Study the use of instructional media for K-12 including instructional design and criteria for quality print and non-print media. Learn graphic techniques and uses of computers and technology in production of instructional media. Research current practices in library and classroom instruction and communication.	Change description.
Fall 2013	M	LIB	587	Video Production	3	Study and practice video production techniques, including storyboarding, camera techniques, editing, and preparing video for various educational settings. Design activities that engage students in digital video production and produce videos for library or classroom use.	Change description.
Fall 2013	M	LIB	588	21st Century Technologies for Education	1	Analyze the role of computers and advanced technology in the library media center and classroom. Focus on new and emerging technologies to enhance classroom instruction for all learners. Develop curricula that effectively use media and technology to engage and support students.	Change description.
Fall 2013	M	Ling	101	Pre-Entry Program Grammar/Writing	6	An introduction to form, meaning and use of simple present and past verb tenses; conjunctions; subject, object, possessive, and demonstrative pronouns. Students will learn to identify parts of speech and sentences; question/answer formation; write beginning level paragraphs; understand and use the basic rules for capitalization, punctuation and spelling; practice good penmanship.	Change title, description, credits from 3 to 6.
Fall 2013	M	Ling	104	Pre-Entry Program Reading	5	An introduction to basic reading skills including phonics, basic comprehension, fluency, sequence, word analysis; finding the topic. Introduction to basic dictionary skills and extensive reading. Emphasis on building vocabulary and decoding strategies to aid in fluency and reading for basic understanding.	Change title, description credits from 3 to 5.
Fall 2013	M	Ling	106	Pre-Entry Program Speaking/Listening	3	An introduction to basic listening and speaking skills. Practice with listening to conversations and interviews; asking/answering questions; making positive and negative statements in the present tenses; describing people, places, things and activities; giving personal information, express-ing wants, needs and likes. Emphasis is on pro-nunciation and understanding and being under-stood in simple conversational situations.	Change title, description.
Fall 2013	M	Ling	111	Grammar/Writing Level 1	6	Continued focus on sentence structure and developing basic single paragraphs (descriptive and narrative rhetorical styles) with topic, supporting, and concluding sentences. Introduction to compound and complex sentences. A continued focus on simple present and past verbs, and an introduction to form, meaning, and use of progressive and future tense, including statement and question forms; contractions; time expressions; modals; count/noncount nouns; pronouns; adjective and noun complements; demonstratives; and prepositions.	Change title, description, credits from 3 to 6.
Fall 2013	M	Ling	114	Reading Level 1	3	Continued focus on basic reading skills, as well as introduction to skimming and scanning, differentiating main ideas from supporting details and examples, identifying common prefixes and suffixes, discerning meaning from context, and matching pronouns to their referents. Dictionary exercises used to practice alphabetical order, syllabification, and word stress. Continued emphasis on building vocabulary and honing skills through reading short, adapted materials.	Change title, description.
Fall 2013	M	Ling	116	Speaking/listening Level 1	3	Continued emphasis is on developing confidence, comprehensibility, and skills in basic social interactions, including participating in conversations, asking for information, and providing personal information. Practice questions, statements, and negatives in present, past, and future tenses; identify common reductions, stress, and intonation patterns; use vocabulary related to academic and everyday life; give narrative and descriptive individual presentations.	Change title, description.
Fall 2013	M	Ling	121	Grammar/Writing Level 2	6	Focus on paragraph development and introduction to process, comparison/contrast, and classification writing as rhetorical styles; use of logical connectors; outlining ideas for essay organization; and formatting rules. Emphasis on expanding single paragraph essays into longer essays. Expanded utilization of modal auxiliaries and introduction to present perfect tense, gerunds and infinitives, passive voice, real conditional, comparative and superlative adjectives, and adverbs.	Change description, change credits from 3 to 6.

Fall 2013	M	Ling	124	Reading Level 2	3	Focus, in both fiction and non-fiction texts, on improving comprehension skills; locating and understanding main ideas, supporting details, and signal words; inferring meaning; and increasing reading speed. Improve dictionary skills and expand academic vocabulary knowledge including meaning, parts of speech, affixes, and word forms.	Change description.
Fall 2013	M	Ling	126	Speaking/Listening Level 2	3	Identify meaningful information from short lectures and conversations; practice with question forms in present, past, future, and present perfect tenses; conduct interviews; plan and deliver short oral presentations. Continued improvement of pronunciation skills, including stress, intonation, and reductions.	Change description.
Fall 2013	M	Ling	131	Grammar/Writing Level 3	6	Introduction to cause/effect and argumentation as rhetorical styles; practice narrowing a topic, developing more effective introductions and conclusions; use of transitions to subordinate/coordinate ideas. Emphasis on essay writing. Expanded use of gerunds and infinitives, modal auxiliaries, and adverbial clauses. Introduction to past perfect and future perfect tenses, subordinate clauses, parallel structure, and relative clauses.	Change description, credits from 3 to 6.
Fall 2013	M	Ling	134	Reading Level 3	3	Focus on developing critical reading skills in expanded works of fiction and non-fiction; introduction to rhetorical patterns, distinguishing fact from opinion, determining author's purpose, paraphrasing and summarizing points, and identifying elements of fiction. Expansion and use of academic vocabulary.	Change description.
Fall 2013	M	Ling	136	Speaking/Listening Level 3	3	Emphasis on taking organized notes using symbols and abbreviations, understanding main ideas and examples, and identifying lecture cues from academic lectures. Improve skills needed for focused small group discussions, impromptu speaking, and individual and group presentations using information gathered from interviews.	Change description.
Fall 2013	N	Ling	391	Introduction to Applied Linguistics	4	Survey of topics not covered in detail in Ling 390 including language acquisition, historical linguistics and discourse analysis. Different theoretical perspectives relevant for applied linguistics are introduced and students develop their analytic skills with a special focus on the effective and discipline-appropriate reporting of these analyses. Prerequisites: Ling 390.	
Fall 2013	M	Ling	392	Structure of the English Language	4	A study of the basic grammar of English with an emphasis on describing grammatical forms and their functions in communication. Expected preparation or co-requisite: Ling 390.	Change description, prerequisites, change number from Ling 492.
Fall 2013	M	Ling	435/535	Theories and Practice in Applied Linguistics	4	An examination of current areas of applied linguistics research focusing on original research and building upon concepts presented in Ling 390 and Ling 391. Prerequisites: Ling 390 and Ling 391.	Change title, description & prerequisites.
Fall 2013	N	Ling	453	Graduate Preparation: Research and Writing for Non-Native Speakers	3	Students refine their academic writing skills through research and citation. The course also focuses on recognizing and producing vocabulary and grammar appropriate to graduate-level writing. Prerequisites: upper-division standing and IELP program approval.	
Fall 2013	N	Ling	454	Graduate Preparation: Reading Strategies for Non-Native Speakers	3	In this hybrid course, students explore readings in their individual disciplines and develop a portfolio of academic skills and strategies to prepare for graduate-level reading. Students utilize technology to organize and manage readings, cite sources, and expand academic vocabulary. Prerequisites: upper-division standing and IELP program approval.	
Fall 2013	N	Ling	456	Graduate Preparation: Oral Communication for Non-Native Speakers	3	Students prepare for the demands of graduate-level coursework by activating their skills through public speaking and group discussion. Emphasis is also on expanding interpersonal language skills and cross-cultural skills in an academic environment. Prerequisites: upper-division standing and IELP program approval.	
Fall 2013	N	Ling	472/572	Teaching Pronunciation	4	This is a practical, hands-on course in which students apply phonetics and phonology in the context of language education. While the focus is on teaching English pronunciation, the course includes general theory and applications that are useful for students planning to teach pronunciation of other languages (e.g., Spanish, Chinese). Prerequisites: Ling 390.	
Fall 2013	N	Ling	473/573	Computer Assisted Language Learning	4	Introduction to the use of computers in language learning. Examines the research of the field to inform practical considerations for task design and evaluation. Prerequisites: Ling 477/577.	
Fall 2013	M	Ling	492	Structure of the English Language	4		Change number to Ling 392.

Fall 2013	N	ME	120	Introduction to Engineering	4	An introduction to the skills, modern tools, teamwork, design methodology and professional practices of mechanical engineers. Students learn to analyze, fabricate and troubleshoot electromechanical systems. Students are introduced to computer programming and solid modeling. Written and oral communication is required complete assignments and class projects. Co-requisite: Mth 111.	
Fall 2013	N	ME	121	Introduction to Systems and Control	4	An introduction to sensors and control of electromechanical systems. Students assemble an electromechanical system and program a microcontroller to sense the system state and maintain system equilibrium. Students build on the skills developed in ME 120. Written and oral communication is required to complete assignments and class projects. Prerequisites: ME 120.	
Fall 2013	N	ME	122	Introduction to Design	4	An introduction to statics, dynamics, mechanical systems and the design process. Students learn to incorporate economic, social and environmental factors in the design of mechanical devices. Written and oral communication is required to complete assignments and a major class project. Prerequisites: ME 121.	
Fall 2013	M	ME	423/523	Fundamentals of Building Science	4	Introduction to the fundamental concepts of building science. Buildings as a system, including interactions among subsystems such as heating and cooling, ventilation, the thermal envelope, air leakage, and occupants. Building energy efficiency. Performance of heating, cooling, and ventilating systems. Indoor air quality and other health and safety issues, including assessing and resolving moisture problems. Applications of common and cutting-edge building science measurement and monitoring tools. The class will include one lecture and one lab session each week. Some/all of the lecture portion of the course may be delivered online through course-management software. Group projects may involve laboratory measurement, field monitoring, and/or computer simulation. Prerequisites: ME 321 or graduate standing in engineering or architecture.	
Fall 2013	N	ME	438/538	Fundamentals of MEMS and Microsystems	4	The underlying principles of physics, mechanics and materials science as they apply to MEMS will be covered and coupled closely with the basic and applied aspects of microsystems engineering. Case studies involving the design, operation, fabrication and packaging of MEMS devices will be presented throughout the class. Prerequisites: senior standing.	
Fall 2013	N	ME	460/560	Control of Mechanical Systems Using Microcontrollers Laboratory	4	Basic interfacing and programming of microcontrollers for controls applications is introduced. Microcontrollers are interfaced with various external devices and sensors using A/D, D/A, and the SPI bus. Control of a motor driven mechanical device is implemented. A student selected final project involving the control of a physical system is required. Prerequisites: ME 453/553 and ME 454/554 (concurrent).	
Fall 2013	M	ME	465/565	Advanced Finite Element Applications	4		Change course number; add undergraduate 465 to 565.
Fall 2013	N	ME	478/578	Introduction to Electronic Packaging	4	This course provides a foundation on mechanical and materials aspects of electronic packaging as well as an understanding of the fundamental mechanical principles used in the design of electronic packages, boards, sub-systems, and systems with focus on their integration. Topics include design, properties, materials, interconnections, assembly processes, performance of various packaging systems, thermal management, failure mechanisms and reliability. Prerequisites: ME 313 or equivalent.	
Fall 2013	N	ME	530/630	Solid Mechanics	4	This course provides the knowledge of mechanics, physics, and mathematics that concerns the behavior of solids under external actions including external forces, applied displacements, temperature changes, moisture diffusion, etc. Topics include kinematics of deformation and motion, Lagrangian strain tensor, Cauchy stress tensor, elasticity and plasticity. Prerequisites: undergraduate mechanics and engineering mathematics; ME 313 or equivalent.	
Fall 2013	N	MGrk	330	Modern Greek Culture and Civilization	4	A multimedia survey of major trends and developments in Modern Greek culture from 1830 to present. Includes topics in religion, social customs, traditions, gender roles in family and social life, language, literature, music, cinema and the Greek Diaspora. Taught in English.	
Fall 2013	N	MGrk	361	Modern Greece through Film	4	Feature films followed by short lectures on the history of Modern Greek cinema from 1950 to present and discussions of their social and artistic significance to contemporary Greek culture. Focus on gender and migration. All films have English subtitles. Readings and discussions are in English.	

Fall 2013	D	MIM	511	Global Business, Society and Ecology	4		
Fall 2013	M	MIM	512	Global Leadership and Ethics	2	This course provides students with a solid understanding of the concepts linking leadership to global and social systems, international organizational development, and the connection between leadership and systems. Global leadership is studied from three perspectives: the virtual team leading across borders and organizations, ethical and cultural ramifications of leadership and followership, and to emphasize leadership's impact on the social, environmental and economic context in which they operate.	Change description.
Fall 2013	M	MIM	513	Pacific Rim Economies, Trade, and Financial Markets	3	The course surveys current economic trends among the Pacific Rim economies, focusing on the challenges facing both developed and developing countries. Areas of focus include the principles of international trade, balance of payments, environmental impacts of policies, financial institutions and markets which all effect business between the Pacific Rim and the United States.	Change description.
Fall 2013	M	MIM	516	Contemporary Pacific Rim and World Affairs	4	This course offers a broad sweep of the history, politics, economics, and foreign relations of the Asia Pacific Rim countries to enhance understanding of current business attitudes and systems across the region. Linking historical events with contemporary issues, the course will help predict how the region will shape the global business community into the future.	Change description.
Fall 2013	N	MIM	522	Global Communications	2	Focus on a crucial global business leadership skill: the ability to inform and persuade across cultures through speaking, writing, and listening. Topics include reading, internalizing fundamental concepts, discussing communication challenges, and practicing communication skills. The course will use a workshop format focused on experiential and collaborative learning.	
Fall 2013	M	MIM	524	Global Sourcing and Supply	4	This class is an overview of planning strategies and tactical execution for sustainable operational sourcing in a global environment. Topics to be reviewed include; locating and qualifying international suppliers, the strategies regarding outsourcing / off-shoring, supplier & operational metrics and strategies, establishing and maintaining relationships, e-procurement, new product introduction, and quality systems with selected suppliers.	Change description.
Fall 2013	M	MIM	535	Global Marketing Research and Innovation	3	This course concentrates on how to manage an innovation process, from new opportunity identification to market introduction, with emphasis on integrating appropriate market input at each step. Students will understand how to approach the identification of new opportunities, the rapid evaluation / prioritization of these opportunities, and management of the development and introduction processes.	Change description.
Fall 2013	M	MIM	558	Global Comparative Operations Management	4	The changing international environment in global operations will be reviewed through: comparative study of process selection, facilities design, operations planning and control, supply logistics, process best practices, technology management, international sustainable supply chains and customers, quality management, and performance measurement. The importance of operation's involvement from new product introduction to the sustainable end of a product lifecycle will be emphasized.	Change title & description.
Fall 2013	M	MIM	577	International Business Negotiations	3	Examination of the theory and techniques of negotiation, influencing, and dispute resolution for forging mutually profitable business relationships, enhancing team cohesion, and establishing sustainable international partnerships. The course makes extensive use of negotiation role plays, out-of-class exercises, and panels by experienced negotiators.	Change description.
Fall 2013	M	MIM	579	Asia Field Study	3		Change credits from 1 to 3.
Fall 2013	M	MIM	588, 589	Global Business Strategy I, II	2, 2	The course will analyze business strategy as both a long-term plan and the translation of that plan into sustainable operational results. This 2 part course will examine how strategic decision-making can integrate social responsibility into a global business strategic plan. The course will focus on: the United States, the Pacific Rim, and the European Union.	Change description.
Fall 2013	M	Mgmt	428	Team Processes	4		Change course number from Mgmt 448.
Fall 2013	M	Mgmt	448	Team Processes	4		Change course number to Mgmt 428.



Fall 2013	M	Mgmt	493	Human Resource Strategy	4	This is the final course in the Human Resource Management sequence. Uses case analysis, outside speakers, and a comprehensive project to provide an in-depth, analytical study of human resource management and the tasks of the modern human resource executive. Focuses on transforming the HRM function for the modern corporation. Emphasizes the strategic aspect of HRM while studying executive-level decision making in all aspects of HRM. Preference on waiting list will be given to HRM-option students. Prerequisites: Mgmt 351, Mgmt 461, Mgmt 471.	Change title, description, prerequisites.
Fall 2013	M	Mgmt	515	Information Systems and Technology in Organizations	4		Change prefix and number from ISQA 512.
Fall 2013	M	Mgmt	556	Organizational Politics and Power	4	Incorporates theoretical and practical aspects of success in organizations. Topics may include how to acquire, maintain, and use power; how to deal with superiors and subordinates; techniques for more quickly rising on the organizational ladder; misuses of power; developing effective relationships; ethical power use. Prerequisites: Mgmt 512.	Change title, credits, description.
Fall 2013	N	Mgmt	694	Methods and Models in Ecosystem Services	4	Evaluates changing ecosystem services in a holistic way, drawing multiple disciplines, including ecology, economics, engineering, and geographical and spatial sciences. Introduces methods and models from multiple disciplines to analyze ecosystem services across biophysical, social economic, and cultural contexts. Provides an interdisciplinary foundation for evaluating ecosystem services. This is the same class as Geog 694 and may be taken only once for credit.	
Fall 2013	N	Mktg	373	Merchandising Management	4	This course focuses on the specific strategies and tactics used by retail, wholesale, and manufacturing industry professionals to forecast, plan, execute, and achieve sales, inventory, turnover, gross margin, and profit objectives. Hands-on- practice will build real-world skills and insight and course will include contributions from industry professionals. Prerequisites: BA 311.	
Fall 2013	N	Mktg	436/536	Competitive Dynamics in the Athletic and Outdoor Industry	4	Understand the distinctive challenges and insights of the active and outdoor industry. Examine the unique business practices of both manufacturers and retailers in this industry. Study such issues as brand management, customer service, supply chain management, innovation, and sustainability in the athletic and outdoor industry. Prerequisites: BA 311.	
Fall 2013	N	Mktg	463	Service Innovation	4	This course is focused on the issues that confront marketing managers as they address the development of innovative services and service-oriented marketing strategies. It will cover new service design and development, standards, strategy, delivery, and service management with special attention to the technology-enablement of service business models. Prerequisites: BA 311.	
Fall 2013	N	MuEd	480 / 580	Kodály Training: Level I	5	A two-week intensive introduction to the Kodály approach and its applications in the field of Music Education. Students will participate in pedagogy, folk music, musicianship, materials, and choir classes within the course. Prerequisites: junior standing.	
Fall 2013	N	MuEd	481 / 581	Kodály Training: Level II	5	A two-week continuation of the Kodály approach and its applications in the field of Music Education. Students will participate in pedagogy, folk music, musicianship, materials, conducting, and choir classes within the course. Prerequisites: MuEd 480/580 or other Kodaly Level 1 coursework.	
Fall 2013	N	MuEd	482 / 582	Kodály Training: Level III	5	The third course in the Kodály approach and its applications in the field of Music Education. Students will participate in pedagogy, folk music, musicianship, materials, conducting, and choir classes within the course. Prerequisites: MuEd 481/581 or other Kodaly Level II coursework.	
Fall 2013	N	MuEd	583	Kodály Training: Level IV	5	The final course in the Kodály approach and its applications in the field of Music Education. Students will prepare a dvd of their teaching and present their projects/dvds for evaluation as well as participate in pedagogy, folk music, musicianship, materials, conducting, and choir classes within the course. Prerequisites: MuEd 482/582 or other Kodaly Level III coursework.	
Fall 2013	M	Mus	204	Body Mapping for Musicians	2	Anatomical information about the body in movement for musicians. Topics include sensory awareness, inclusive awareness, standing and sitting at balance, skeletal anatomy of the arms and legs, the structures and movements of breathing, hearing loss prevention, and performance anxiety. Prerequisite: At least one year of experience as a singer or instrumentalist.	Change description.

Fall 2013	N	Mus	364	Modern Music Technology	4	An in-depth examination of digital technologies used for creating and distributing music, and the social impact of these technologies.	
Fall 2013	N	Mus	365	Film Music	4	An aesthetic, historical, commercial, and technical examination of the role of music and sound design within the art of film.	
Fall 2013	M	Mus	541	Advanced Conducting Methods	3	Study of the concepts of conducting applied to a wide range of music literature. Music of different eras will be used to analyze and practice the conductor's process. Incorporated into the study of conducting will be rehearsal techniques and relevant historical and theoretical concepts, providing an integrated study of the conductor's art. This course is intended for MA/MS in Music graduate students, MM in Conducting graduate students, or senior-level undergraduate students with instructor permission. Prerequisite: graduate standing in music or permission of instructor.	Change title, description, drop 441.
Fall 2013	M	Mus	542	Advanced Choral Conducting	3	Study of the concepts of conducting applied to a wide range of choral music. Music of different eras will be used to analyze and practice the conductor's process. Incorporated into the study of conducting will be rehearsal techniques and relevant historical and theoretical concepts, providing an integrated study of the conductor's art. Particular attention given to the creative role of the University, Church, Community, and Public School Choir Director. This course is intended for MM in Conducting graduate students. Prerequisite: graduate standing in music.	Change title, description, drop 442.
Fall 2013	M	Mus	543	Advanced Instrumental Conducting	3	Study of the concepts of conducting applied to a wide range of instrumental music. Music of different eras will be used to analyze and practice the conductor's process. Incorporated into the study of conducting will be rehearsal techniques and relevant historical and theoretical concepts, providing an integrated study of the conductor's art. Particular attention given to the creative role of the University, Community, Professional, and Public School Band or Orchestra Conductor. This course is intended for MM in Conducting graduate students. Prerequisite: graduate standing in music.	Change title, description, drop 443.
Winter 2013	M	PA	311	Introduction to Civic Engagement	4	This course examines the concept of civic engagement by exploring how relationships are strengthened and communication is nurtured among members of society, and how this contributes to a civic identity that promotes socially conscious thought and action. The course will examine the values, skills and actions that contribute to a sense of civic identity through assigned readings, lectures, discussions, group activities, and self-reflection. A central goal of this course is to help students prepare for a lifetime of responsible citizenship and civic engagement. This course includes a community-based learning project.	Change title, description.
Winter 2013	M	PA	312	Foundations of Community Leadership	4	This course explores the role of community leadership in advancing civic engagement, civil society, civic capacity, community-building, reasoned debate and other key civic virtues in democratic societies. Students will integrate leadership theory with practical observations in the context of the United States' socio-political history and the role of civic engagement in our evolving social system. The course builds a definition for community leadership that recognizes the close interface between the role of public servants as agents of policy implementation and the role of citizens as active stewards of the public good.	Change course number from 411; change title, description & prerequisites.
Winter 2013	N	PA	313	Foundations of Public Service	4	Exploration of how public service informs the roles of public/nonprofit organizations in social change. Introduction to conceptual public service frameworks and exploration of the historical dimensions, underlying values and external forces that shape contemporary public service. Ways for community members to influence public policy through civic engagement are addressed.	
Winter 2013	M	PA	411	Foundations of Citizenship and Community Leadership	4		Change course number to 312; change title, description & prerequisites.
Winter 2013	M	PA	412	Civic Engagement: The Role of Governing Institutions	4	This course develops understanding of how local governments carry out their governance responsibilities and the roles they play within the larger scheme of the American democratic system. The goal is to assess how the structures and processes of local governments affect opportunities for democratic accountability, citizen participation, the development of civic capacity, citizenship and civic leadership. Prerequisites: PA 311 or 312.	Change prerequisites.

Winter 2013	M	PA	413	Civic Engagement: The Role of Individuals	4	This course provides an overview of the role of the individual in civic engagement processes. Students will develop an understanding of the variety and forms of engagement processes in which individuals participate within local and national governments and public organizations. The course focuses on developing students' ability to critically analyze a variety of civic engagement processes and understand the consequences, limitations, opportunities, and benefits of these various processes. Students will examine whether individuals have equal opportunities to engage in political and social decision-making structures, and how they serve as change agents to address social injustice. Prerequisites: PA 311, 312 or 313.	Change description, prerequisites.
Winter 2013	M	PA	414	Civic Engagement: The Role of Social Institutions	4	Develops an understanding of the roles that social institutions (voluntary associations, public interest groups, educational and religious institutions, and nonprofit organizations) play within democratic societies. Additionally, the course investigates the literature on social institutions and social capital, including their historical development, modern forms, social functions, and ways in which they shape individuals' participation in governing processes. Students will examine the relationships among socially sustainable communities, strong social institutions and private interests by analyzing the mechanisms that generate participation and deliberation. Prerequisites: PA 311 or 312.	Change description & prerequisites.
Winter 2013	M	PA	415	Civic Leadership Integrative Seminar	4	This seminar is devoted to exploring, investigating, discussing, understanding, and synthesizing the theoretical understandings and practical applications of civic leadership. Students will have an opportunity to reflect upon, synthesize, and showcase their knowledge through development of a portfolio that demonstrates their learning about civic leadership. Prerequisites: One of PA 311, 312 or 313, plus one of PA 412, 413 or 414.	Change description & prerequisites.
Winter 2013	M	PA	417	Ethical Leadership	4	Explores potential ethical conflicts faced by leaders in public and community service. The course will provide students with ethical leadership models that will help them to judge the ethical compromises that may put personal, professional, organizational, and public service values in conflict with one another. Coursework will include a review of the theoretical concepts that underpin ethical leadership and will explore their practical application through case studies and the experiences of elected and career public officials who have faced ethical dilemmas in public and community service. Prerequisites: PA 312 or 313.	Change description & prerequisites.
Fall 2013	M	PA	595	Public Sector Labor Relations	3	The history and development of public sector labor relations in the United States. This course explores the impact of labor organizations on government activities and the role of public sector managers in responding to unions. The course provides both a historical context for labor relations and a set of precepts for working with labor organizations in public administration. From hospitals, to school districts, regional government, cities, counties, state agencies and even some large nonprofits, this course explores the importance of developing and maintaining a constructive working relationship with the labor organizations that represent the employees of those organizations.	Change title and description.
Fall 2013	N	PAH	320	Health Ethics: Contemporary Issues	4	Explores the theoretical, historical, and institutional contexts of health ethics across populations. Students will learn and apply practical skills to deconstruct and analyze ethical challenges across a continuum of health-related topics from the classical cases through contemporary debates regarding our global social health, social justice, and related issues.	
Fall 2013	M	Ph	314, 315	Experimental Physics	4,4		Remove co-requisite for Ph 314.
Fall 2013	N	Ph	382	Introduction to Nanoscience and Nanotechnology	4	Basic introduction to nanoscience and nanotechnology for all interested science, engineering and social science and humanities students.	
Fall 2013	N	Ph	473/573	Alternative Energies	4	Starting with a review of global energy trends, this course will cover the major resources of alternative energies (hydropower, wave, tidal and wind energy, solar energy, nuclear fission and fusion), their characteristics, utilization and technology as well as environmental and public impact. Special attention will be given to photovoltaics and solar cell technology. Market developments will also be analyzed based on simple models. Prerequisites: Ph 213 or Ph 223.	

Fall 2013	N	PHE	416/516	Families and Aging	4	Family ties of middle aged and older adults are explored using a life course perspective. The diversity of family structure and experience is emphasized with attention to gender, race, class, and ethnicity. Life transitions are highlighted as are informal and formal services available to support older adults and their families. Prerequisites: junior standing.	
Fall 2013	M	PHE	473/573	Physiology of Exercise	4	Examination of physiological responses and adaptations to exercise, with a focus on the interaction of metabolic, endocrine, neuromuscular, cardiorespiratory, and environmental factors related to fitness and health. Prerequisites: Bi 301 or Bi 302 or equivalent, or consent of instructor.	Change prerequisites.
Fall 2013	M	PHE	475/575	Exercise Testing Techniques	4	Theory and application of assessment methods/tools used to evaluate physiological function relating to fitness and health, including laboratory and field tests. Significant emphasis on developing skills necessary for conducting tests on apparently healthy individuals. Assessment categories include anaerobic performance, muscular strength and endurance, flexibility, body composition, cardiovascular function. Prerequisites: PHE 473, or consent of instructor.	Change prerequisites.
Fall 2013	N	PHE	519	Introduction to the Etiology of Disease	3	The biological and molecular bases of public health: the immune system, genomics, environmental exposures. The evidence-based role of biology in ecological models of population health, its integration in disease prevention and control policies and programs. Effects of behavior on biology. Legal, social, ethical issues will be considered.	
Fall 2013	M	PHE	530	Epidemiology I	4	Designed as an introduction to epidemiology for students in the Oregon Masters of Public Health program. Epidemiology is the science of public health that is concerned with the distribution of disease in populations and risk factors that influence health outcomes. Students will learn epidemiologic methods to identify and solve public health problems. The course will cover measures of disease occurrence, screening for disease, study design, association and causation, biases and confounding, genetic epidemiology and ethics in epidemiology. An emphasis is placed upon both critical reading of the epidemiologic literature and to applying epidemiologic methods to address public health problems.	Change course number from 535; change title, description & credit hours.
Fall 2013	N	PHE	612	Advanced Principles of Health Behavior	3	Provides advanced training in the application of social and behavioral sciences to understand health behavior and prevent disease. Emphasizes theories and concepts of health behavior and the impact of lifestyle choices on the distribution of disease in the population.	
Fall 2013	N	PHE	623	Doctoral Seminar in Health Research	1	Research seminar required for first- and second-year doctoral students in the community health PhD program. Students learn about critical evaluation of health research, hypothesis generation, the publication and review process, grant application process, and development an independent research program.	
Fall 2013	N	PHE	624	Advanced Methods in Epidemiologic Research I	3	Approaches to epidemiologic research are explored, including the scientific method, ethics in research, theories, conceptual models and hypothesis generation, causal inference, the elements of research design, measurement (reliability, validity), developing data collection instruments, internal and external validity, and experimental methods.	
Fall 2013	N	PHE	625	Advanced Methods in Epidemiologic Research II	3	A second course in applied, non-experimental research designs used in epidemiological research (following PHE 624). Emphasis in this course is on quasi-experimental designs, program evaluation, sampling methods, longitudinal designs, and secondary data sources. Students will learn about research design, critical evaluation of research methods, and research proposal concepts. Prerequisites: PHE 624 or consent of instructor.	
Fall 2013	N	PHE	626	Teaching Health	1	Students will learn about and practice teaching at the college level. Topics include course design, learning and teaching strategies, and assessment of student learning as applied within the public health curriculum. Pedagogical research and scholarship, as well as evidence-based practice are emphasized throughout the course. Prerequisites: first-year doctoral student status in Community Health.	
Fall 2013	N	PhI	375	Food Ethics	4	An introduction to ethical issues surrounding food choices including the fairness of food markets, the moral status of animals, and our obligations to the hungry.	
Fall 2013	N	PhI	449/549	Philosophy of Sustainability	4	Examination of the core philosophical issues that arise within the theory and practice of sustainability and across its three complementary dimensions: environmental, economic, and social. Prerequisites: junior standing.	

Fall 2013	M	PS	208	Introduction to Political Theory	4		Change course number from 381; change title.
Fall 2013	N	PS	335	Race and Politics in the United States	4	Provides a general survey of constraints and opportunities in American racial minority politics against the backdrop of tremendous demographic change since 1965. Explores a series of debates in American politics with an eye toward the political implications of the changing demographic mix.	
Fall 2013	M	PS	343	Politics of War	4	Introduction to the theory and practice of both inter-state war and civil conflict with particular attention to levels of analysis as well as the process and consequences of war.	Change title, description.
Fall 2013	M	PS	381	Introduction to Theory	4		Change course number to 208, change title.
Fall 2013	N	PS	435/535	Disasters and Public Policy	4	The political, administrative, and public policy issues surrounding major and catastrophic risks and disasters including both natural (earthquakes, pandemics, asteroids) and man-made (climate change, nuclear weapons, bio-terrorism) events. PS 101, PS 102, or PS 200.	
Fall 2013	N	PS	473/573	Government and Politics of Arab North Africa	4	Examines the domestic and international politics of Arab North Africa, including Morocco, the Moroccan/Western Sahara, Mauritania, Algeria, Tunisia, Libya, and Egypt. Topics include the history of the region, political regimes and authoritarianism, the Arab spring, women's rights, and U.S.-Maghrebi relations. Prerequisites: upper-division standing.	
Fall 2013	M	PS	493/593	Philosophy of the Social Sciences	4	An analysis of the practical challenges and competing approaches to the practice of social science, especially political science. Subjects considered include the aims of social science, concepts and description, causality, rationality, macro and micro explanations, interpretation, and postmodernism.	Change description.
Fall 2013	N	PS	563/663	Politics and Policy of the Middle East	4	Examines conceptual debates in comparative politics and international relations of the Middle East. Focuses on state formation; authoritarian politics, political regimes, and institutions; public opinion, Islamist movements; gender and politics; political economy; the Israeli-Palestinian conflict, and regional and international relations of the greater Middle East.	
Fall 2013	M	Psy	451/551	Introduction to Neurophysiological Psychology	4	The study of the nervous system, various anatomical, neurophysiological, and imaging techniques for studying the brain and behavior, including specific cognitive abilities such as sensation, perception, attention, language, and emotion. Prerequisites: Junior standing.	Change title, description, prerequisites.
Fall 2013	M	Psy	484/584	Principles of Behavior Modification	4	A survey of recent developments in the application of behavior theory to problems of psychological adjustment. The course includes treatment of the behavioral concept of "abnormal", and the development of a technology of behavior therapy. The course is intended for advanced students in psychology, social work, special education, speech pathology, and nursing. Prerequisites: Psy 340. Expected preparation: Psy 346.	Change prerequisites.
Fall 2013	M	Psy	485/585	Self Modification of Behavior	4	The technology of self-change developed within the framework of behavior modification theory, including relevant ethical and theoretical issues, specific techniques of change and the application of these techniques within a systematic program development model. Prerequisites: Psy 484. Expected preparation: Psy 346.	Change prerequisites.
Fall 2013	N	Read	518	Language and Literacy Development, K-8	3	Examine the connection between early childhood oral language acquisition and the development of reading and writing skills. Discuss relevant language and literacy research, differences in language and literacy development, foundations of language development in the brain and its implication as regards phonological skills, grammatical knowledge, vocabulary, comprehension, and writing.	
Fall 2013	N	Read	533	Boy Readers/Boy Writers	3	Critically analyze and implement research-based practices in reading and writing as they relate to boys' learning style. Demonstrate appropriate professional knowledge, skills and dispositions through reading critical theory in instructional strategies that benefit boy's needs. Use evidence to solve problems of practice and make educational decisions.	
Fall 2013	N	Read	534	Classroom Reading and Writing Assessment, K-8	3	Examine a variety of literacy assessment vehicles and how they can be used to develop effective instruction. Discuss relevant literacy assessment research and its implications in the classroom. Explore word knowledge, reading fluency, comprehension and composition, Discuss administering and interpreting assessments and their broader uses for increasing student learning. [NEW]	

Fall 2013	N	Rus	444, 445, 446	Flagship Studies: Globalization	2, 2, 2	A Russian across the curriculum course aligned with PSU's University Studies Program. Flagship students develop advanced reading, writing, speaking and listening skills while exploring "Globalization" in Russian. Prerequisites: admission to the Russian Flagship Program.	
Fall 2013	N	Rus	454	Flagship Studies: American Studies	2	A Russian across the curriculum course aligned with PSU's University Studies Program. Flagship students perfect advanced reading, writing, speaking and listening skills while exploring the U.S. Jazz Age in Russian. Prerequisites: admission to the Russian Flagship Program.	
Fall 2013	N	Rus	455	Flagship Studies: European Studies	2	A Russian across the curriculum course aligned with PSU's University Studies Program. Flagship students perfect advanced reading, writing, speaking and listening skills while exploring the modern European history and culture in Russian. Prerequisites: admission to the Russian Flagship Program.	
Fall 2013	N	Rus	456	Flagship Studies: Environmental Sustainability	2	A Russian across the curriculum course aligned with PSU's University Studies Program. Flagship students perfect advanced reading, writing, speaking and listening skills while exploring the questions of ecology and sustainability in Russian. Prerequisites: admission to the Russian Flagship Program.	
Fall 2013	N	Rus	457, 458, 459	Flagship Studies: Russian in the Major	2, 2, 2	A Russian across the curriculum course designed to permit advanced Flagship students to develop appropriate vocabulary, discourse strategies, and research skills in their respective majors. Prerequisites: admission to the Russian Flagship Program.	
Fall 2013	D	Rus	541	Russian Literature in Translation: Nineteenth Century	4		Drop 541 from 441/541.
Fall 2013	D	Rus	542	Russian Literature in Translation: Twentieth Century	4		Drop 542 from 442/542.
Fall 2013	N	Sci	372	Nanotechnology, Society and Sustainability	4	Introduction to ethical, legal and social issues associated with nanotechnology. Critically evaluates implications and applications of nanotechnology to environmental and human health concerns, in local and global contexts. Addresses nanotechnology's impact on the economic, environmental, and social aspects of sustainability. This is the same course as Bi 372 and may be taken only once for credit.	
Fall 2013	N	Sci	382	Introduction to Nanoscience and Nanotechnology	4	Basic introduction to nanoscience and nanotechnology for all interested science, engineering and social science and humanities students. Prerequisites: sophomore inquiry – Natural Science Inquiry. This is the same course as Ph 382 and may be taken only once for credit.	
Fall 2013	M	Soc	425/525	Sociology of Gender	4	Consideration of the theoretical, methodological, and empirical contributions of current sociological scholarship on gender. Emphasis on the intersection of gender, sexuality, race/ethnicity, and class. Analysis of topics such as: masculinity/femininity, parenting, family, education, work, sexualities, reproduction, politics, and social change. This is the same course as WS 425/525. May be taken only once for credit. Prerequisites: junior standing.	Change title, description.
Fall 2013	N	Soc	427/527	Gender and Work	4	Consideration of the theoretical, methodological, and empirical contributions of current scholarship in the area of gender and work. Emphasis on the intersection of gender, sexuality, race/ethnicity, and class. Topics include: inequalities in the labor force, low wage work and poverty, work/family conflict, sex/sexuality in the workplace, and masculinity/femininity at work. Prerequisites: junior standing.	
Fall 2013	M	SpHr	566	Motor Speech Disorders	4		Change credits from 2 to 4.
Fall 2013	M	SpHr	581	Stuttering	2		Change credits from 4 to 2.
Fall 2013	M	Stat	451/551, 452/552	Applied Statistics for Engineers and Scientists I, II	4, 3	An introduction to techniques of applied probability, statistics, and data analysis. Stat 451/551: sample spaces, probability and counting measures, discrete and continuous probability models, sampling theory, and computer applications. Stat 452/552: point and interval estimation, hypothesis testing, regression, correlation, experimental design, analysis of variance, multivariable experiments, nonparametrics, statistical quality control, and computer applications. Prerequisites: Mth 252.	Change prerequisites.
Fall 2013	M	SW	301	Introduction to Social Work	4	This course introduces the student to the profession of social work and the field of social welfare through a historical lens. This course provides the student with the foundational language, principles of social work and introduces the student to the BSW Program. It will include introduction and overview of the knowledge, values, and skills of becoming a professional generalist social worker.	Change description.

Fall 2013	M	SW	400	Field Placement and Seminar I-III	4	This course is the 9-month agency-based field practicum and concurrent field seminar where students apply generalist social work knowledge, values, and develop generalist social work skills. The supervised field practicum and weekly field seminar facilitate students' application of social work practice skills, the integration of theoretical content and the development of critical thinking skills. This course is a core component of the BSW curriculum, allowing students to apply knowledge gained in their social work courses in real world practice settings. Corequisite: SW430, 431 and 432.	Change title, requisite, description.
Fall 2013	M	SW	430	Generalist Practice with Communities and Organizations	3	The purpose of this course is to prepare students to intentionally and effectively work with organizations and communities. Skills will be developed in the context of social work values and ethics, with special attention to social and economic justice. Prerequisites: Admission to major and SW 351.	Change title, prerequisite, description.
Fall 2013	M	SW	431	Generalist Practice with Individuals and Families	3	Based on generalist social work practice principles, this course prepares students for practice with individuals and families. The course focuses on helping students to develop assessment and intervention skills for working with individual and families. Students will learn how to gather the information that is necessary for a holistic assessment, how to work collaboratively with service users in defining goals, and how to select and facilitate appropriate interventions. Prerequisites: SW 351, SW 430.	Change title, prerequisite, description.
Fall 2013	M	SW	432	Generalist Practice with Groups	3	Based on generalist social work practice principles, this course prepares students for practice with groups. The course focuses on helping students to develop assessment and intervention skills for working with client, organizational and community groups. Students will learn how to develop a group proposal, facilitate a group, and assess group dynamics. Prerequisites: SW 431.	Change title, prerequisite, description.
Fall 2013	M	SW	450	Social Work Research and Evaluation I	3	The importance of social work research and evaluation for practice and policy. Qualitative and quantitative research, critical consumption of research, and conducting evaluations. Focuses on research that promotes social and economic justice and that encourages respect for diversity. Includes experimental designs, single system designs, focus groups, and interviews. Covers early phases of the research process: conceptualization, design, sampling, measurement, and data collection. Emphasizes ethical issues. Prerequisites: Admission to major; SW 351.	Change title, prerequisite, description.
Fall 2013	M	SW	451	Social Work Research and Evaluation II	3	Teaches next phases of the research and evaluation process: data analysis, formulation of implications of findings, and dissemination. Critical consumption of research findings as well as conducting data analysis. Qualitative and quantitative data analysis, including descriptive statistics, hypothesis testing, data analysis of single system designs, and thematic analysis. Focuses on research and evaluation that promote social and economic justice and that encourage respect for diversity. Emphasizes ethical issues. Prerequisites: Admission to major; SW 450.	Change title, prerequisite, description.
Fall 2013	N	SW	460	Senior Integrative Portfolio	3	This course facilitates students' integration of past learning, both formal and informal, into a generalist social work practice framework. The interrelated nature of HBSE, social welfare policy, practice, field, and research is emphasized. Students create an integrated competency-based (10 competencies) portfolio documenting their personal and professional achievements throughout the social work program. This course provides the opportunity to synthesize and apply holistically the components (knowledge, values, and skills) of a competent generalist social worker preparing for entry-level professional social work career. Co-requisite: SW432.	
Fall 2013	N	Stat	580	Nonparametric Methods	3	Focus on standard nonparametric methods useful for the analysis of experimental data with minimal model assumptions. Topics include one and two-sample problems, one and two-way analysis of variance, multiple comparisons, rank correlation, estimation and confidence intervals, theory of U-statistics, permutation tests, Bootstrap, Monte Carlo power simulation studies. Prerequisites: Stat 462 or Stat 452/552.	
Fall 2013	M	TA	131	Film Analysis	4	An introductory course in film analysis with special emphasis on cinema as a dramatic art and concepts related to the formal analysis of film. Elements to be considered will include cinematography, performance, edited image, and sound. Selected films will be shown.	Change title & description.

Fall 2013	M	TA	135	Classic Movies	4		Change prefix from TA to FILM.
Fall 2013	M	TA	257	Digital Video Production I	4		Change prefix from TA to FILM.
Fall 2013	M	TA	331	Understanding Movies	4		Change prefix from TA to FILM.
Fall 2013	N	TA	345	Topics in Acting	4	Intensive study of a particular subset of performance, for example, How 2 B Funny, Audition Techniques, Movement Performance or Stage Combat.	
Fall 2013	M	TA	358	Digital Video Production II	4		Change prefix from TA to FILM.
Fall 2013	M	TA	359	Digital Video Production III	4		Change prefix from TA to FILM.
Fall 2013	M	TA	360	Topics in DigitalVideo Production	4		Change prefix from TA to FILM.
Fall 2013	M	TA	365	Classic Movies	4		Change prefix from TA to FILM.
Fall 2013	M	TA	370	Topics: Theater, Media, and Culture	4		Change prefix from TA to FILM.
Fall 2013	M	TA	374	Topics in Screenwriting	4		Change prefix from TA to FILM.
Fall 2013	M	TA	381	Film History I: 1894 to the Second World War	4	A study of the evolution of film language from the silent era to the introduction of sound; how the influences of a broad range of cinematic art movements, including Expressionism, Impressionism, Surrealism and Poetic Realism, contributed to the classical Hollywood style. Also examines the artistic, economic and technological forces that led to the Hollywood studio system and the popularity of genres such as the western, the musical and the gangster film. Prerequisites: TA 131 and sophomore standing recommended. Co-requisite: TA 381L Film History I Lab (zero credits).	Add co-requisite zero-credit lab.
Fall 2013	M	TA	382	Film History II: Cinema and Modernism (1946-1970s)	4	A study of the major artistic, economic and technological trends of motion picture production during the post-war era; how directors such as Hitchcock and Welles were able find a unique expression within the parameters of the classical style and the commercial pressures of the studios. Explores how world cinema movements presented aesthetic and political challenges to the Hollywood model. Prerequisites: TA 131 and sophomore standing, or consent of instructor. Co-requisite: TA 382L Film History II Lab (zero credits).	Add co-requisite zero-credit lab.
Fall 2013	M	TA	383	Film History III: Contemporary World Cinema (1970s – Present)	4	A study of contemporary world film production from the struggles of an independent and avant-garde cinema to the CGI effects of today's blockbuster. Also examines how world cinema production has adapted to new digital technologies and the demands of a global market. Prerequisites: TA 131 and sophomore standing recommended. Co-requisite: TA 383L Film History III Lab (zero credits).	Add co-requisite zero-credit lab.
Fall 2013	M	TA	384	American Cinema and Culture I	4		Change prefix from TA to FILM.
Fall 2013	M	TA	385	American Cinema and Culture II	4		Change prefix from TA to FILM.
Fall 2013	M	TA	480/580	Film Theory	4		Change prefix from TA to FILM.
Fall 2013	M	TA	484/584	Anatomy of a Movie I: Product of the Studio Era	4		Change prefix from TA to FILM.
Fall 2013	M	TA	485/585	Anatomy of a Movie II: The Independent Film	4		Change prefix from TA to FILM.
Fall 2013	M	TA	486/586	Topics in Film and the Moving Image	4		Change prefix from TA to FILM.
Fall 2013	N	USP	300	Introduction to Urban Studies	4	Introduction to the interdisciplinary field of urban studies drawing on the urban planning, economics, geography, sociology, politics, and the humanities to provide basic concepts for understanding the urbanized world of the twenty-first century. Cities as economic, social, and political systems and ways in which people have thought about cities.	
Fall 2013	M	USP	301, 302, 303	Community Development Colloquium	4,4,4		Separate sequence; change description.
Fall 2013	M	USP	301	Introduction to Community Development	4	An investigation of concepts, models and perspectives of community development practice. Explores social, cultural, religious, political economic and environmental aspects that affect community development practice. Asset-based and sustainable human development models and action research are emphasized. The course utilizes teaching cases and experts from the field and requires substantial reading reflection and discussion.	Change course number from 316; change title.
Fall 2013	M	USP	302	Theory and Philosophy of Community Development	4	New approaches to the philosophy of community; theory and comparative practice; and case study of local theory and practice, presentation of an in-depth case study from the Pacific Northwest.	Change course number from 301; change description.
Fall 2013	D	USP	302	Methods of Community Development	4		
Fall 2013	M	USP	303	Community Development Field Seminar	4		Change course number to 460.



Fall 2013	M	USP	313	Urban Environmental Issues	4	Environmental issues and problems are evaluated in the urban context. The course addresses both the origins of urban environmental problems and their economic and social implications. Finding solutions that attempt to achieve balance between social, economic, and ecological factors is addressed in the context of urban environmental policy, planning and community activism.	Change title and description.
Fall 2013	M	USP	316	Fundamentals of Community Development	4		Change course number to 301.
Fall 2013	M	USP	316	Community Organizing and Social Change	4	Community organizing seeks to involve people in collective action to address issues of social change and social justice. This course covers the history, philosophy and goals of community organizing and various elements of the organizing process. Case studies will provide the basics for the development of action plans.	Change title, description.
Fall 2013	M	USP	325	Community and the Built Environment	4	This course examines the relationships between urban form and social patterns, and efforts by urban designers to influence community life by shaping the built environment. The history of ideas about urban form and community development, and the history of proposed and implemented projects will be surveyed, and their relevance for contemporary urban planning and design practices will be assessed. Initiatives in the Portland metropolitan area to enhance community livability will be studied.	Change course number from 425; change description.
Fall 2013	M	USP	425	Community and the Built Environment	4		Change course number to 325; change description.
Fall 2013	M	USP	430	Participatory Research Methods for Community Development	4	This course introduces students to participatory methods, placing special emphasis on research ethics, the positionality of the researcher, and embedding research within community development practice. It focuses on research design, data collection, data analysis, and the dissemination of results. Various approaches to measuring urban phenomena are covered, including basic interview techniques, survey methods, and quantitative analytical methods.	Change title and description.
Fall 2013	N	USP	440	Measuring People and Communities in the Urban Context	4	This is an applied research methods course that provides students with the essential data skills for quantitatively measuring social, economic, and demographic trends across urban places. The course provides students with an appreciation for underlying theoretical and practical research methods for identifying, measuring, and conceptualizing trends specific to urban places. Prerequisites: upper-division standing.	
Fall 2013	N	USP	452	GIS for Community Development	4	This course uses lab exercises and lectures to help students develop an in-depth understanding and basic skills for the uses of geographic information systems in community development and planning. Prerequisites: upper-division standing.	
Fall 2013	M	USP	460	Community Development Field Seminar	6	Participant observation through placement in a community-based organization actively engaged in community development activities on behalf of a specific community, and critical reflection on the placement experience. Prerequisites: completion of the Community Development Core and at least one course or an equivalent from among those listed in Methods in Community Development.	Change course number from 303; change description & prerequisites; change credits from 4 to 6.
Fall 2013	M	USP	547	Urbanization and Planning in the Global South	3	Urban planning interventions in many cities in the Global South have been facing big challenges as rapid population growth has led to resource scarcity, environmental degradation, and social inequality. This course develops tools and ideas to understand issues confronting cities in diverse socio-economic, political, and cultural circumstances, and how globalization impacts the local space of cities and regions. It focuses on challenges and opportunities in formulating appropriate planning interventions, and prepares planners to work in the diverse and rapidly changing contexts of the Global South.	Change title, description.
Fall 2013	M	Wr	214	Introductory Nonfiction Writing	4	An introduction to writing with the major forms and techniques of literary nonfiction. Beginning with exercises in foundational skills such as description, reportage and the crafting of personal narrative, students will write and respond to short works of creative nonfiction. May be repeated once for a total of 8 credits. Expected preparation: Freshman Inquiry or equivalent.	Change title, description, prerequisites.
Fall 2013	M	Wr	456/556	Forms of Nonfiction	4	Explores various forms of nonfiction, including essay, personal essay, reviewing, immersion journalism, and memoir, with practice writing in each. Prerequisites: Wr 214 or Wr 228. Instructor approval required.	Change prerequisites.
Fall 2013	M	Wr	457/557	Personal Essay Writing	4	The history and contemporary use of personal essay as a mode of creative communication; gives an understanding of and practice in this kind of writing. Prerequisites: Wr 214 or Wr 228. Instructor approval required.	Change prerequisites.

Fall 2013	M	Wr	458/558	Magazine Writing	4	Examines the development of both long- and short-form magazine pieces, as well as the business and economics of magazine publishing. Students write and peer-critique articles in the styles and formats of a variety of publications and magazine departments. Prerequisites: Wr 214 or Wr 228. Instructor approval required.	Change prerequisites.
Fall 2013	M	Wr	459/559	Memoir Writing	4	Concentrates on elements necessary for writing successful personal narrative, including structure, tone/voice, dialogue, characterization, tense, and point-of-view. Memoirs will be read and discussed, and students will turn in several pieces over the course of the term for workshop discussion. Prerequisite: Wr 214 or Wr 228. Instructor approval required.	Change title, description, prerequisites.
Fall 2013	N	Wr	471/571	Publishing Software	4	Provides a strong base in the software used in the book publishing industry, focusing on Adobe InDesign. Also explores Adobe Photoshop, Illustrator, and Acrobat, as well as XHTML and e-book design. The class considers audience expectations through a range of hands-on design projects. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 333 or Wr 394 or Wr 399.	
Fall 2013	N	Wr	472/572	Copyediting	4	Learn how to improve the clarity, coherency, consistency, and correctness of other people's writing through application of grammatical and stylistic guidelines. Study grammar, usage, punctuation, and style. Narrow focus on editing at the line and substantive level, with little to no attention given to broad development of a manuscript. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 333 or Wr 394 or Wr 399.	
Fall 2013	N	Wr	473/573	Developmental Editing	4	Explores the relationship between an editor, a writer, and the work in the process of developmental editing—also known as global, substantive, or comprehensive editing. Examines historically significant editor/author relations, how the editorial process and relationships have changed over time, and how editorial expectations shift based on the expectations of the publisher, the constantly changing global marketplace, and the introduction of new technologies. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 333 or Wr 394 or Wr 399.	
Fall 2013	N	Wr	474/574	Publishing Studio	4	Perform the work of a real publishing house, from acquiring manuscripts to selling books. Gain publishing experience by participating in the various departments of a student-staffed publishing house, Ooligan Press. Departments include Acquisitions, Editing, Design and Sustainable Production, Marketing, External Promotions, Sales, Digital Content, Social Media, and Project Management and Operations. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 333 or Wr 394 or Wr 399.	
Fall 2013	N	Wr	475/575	Publishing Lab	4	Perform the work of a real publishing house, from acquiring manuscripts to selling books. Gain publishing experience by participating in the various departments of a student-staffed publishing house, Ooligan Press. Departments include Acquisitions, Editing, Design and Sustainable Production, Marketing, External Promotions, Sales, Digital Content, Social Media, and Project Management and Operations. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 333 or Wr 394 or Wr 399.	
Fall 2013	N	Wr	476/576	Publishing for Young Adults	4	Study the techniques commonly deployed by writers and publishers of young adult and middle grade literature. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 333 or Wr 394 or Wr 399.	
Fall 2013	N	Wr	477/577	Children's Book Publishing	4	Study the techniques commonly used by writers and publishers of children's literature. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 333 or Wr 394 or Wr 399.	
Fall 2013	N	Wr	478/578	Publications Management	4	Learn about the traditional business model of book publishing and how that model is changing. Study profit and loss, inventory, negotiation, and other topics fundamental to running a publishing house. Covers both theory and real-world applications. Prerequisites: consent of instructor.	
Fall 2013	D	Wr	552	Writing About Lives	4		
Fall 2013	D	Wr	553	Writing About Places	4		
Fall 2013	D	Wr	554	Writing About Events	4		
Fall 2013	D	Wr	555	Writing About Ideas	4		

Fall 2013	N	WS	317	Writing as Activism	4	Students will work intensively to develop activist writing projects individually and in collaboration with others. Investigate a variety of forms and sources of activist writing, generate new writing in weekly writing workshops, serve as writing partners/coaches with each other, and work cooperatively to complete community-based, writing-involved activist projects.	
Fall 2013	M	WS	351	Gender and Education	4		Change course number from 455.
Fall 2013	N	WS	375	Topics in Sexuality Studies	4	Study of different topics related to sexuality. Topics will vary from term to term	
Fall 2013	N	WS	387	Feminist Organizations: Theory and Practice	4	An introduction to the theory and practice of feminist non-profit organizations. Attention to the history of feminist non-profit organizations in the U.S., political and social structures that impact such organizations, and decision-making and management issues related to feminist concepts of power. Partnering with a local feminist non-profit, students will gain hands-on knowledge of how feminist organizations strive to put theory into practice. Prerequisites: WS 307 or junior standing.	
Fall 2013	M	WS	425/525	Sociology of Gender	4	Consideration of the theoretical, methodological, and empirical contributions of current sociological scholarship on gender. Emphasis on the intersection of gender, sexuality, race/ethnicity, and class. Analysis of topics such as: masculinity/femininity, parenting, family, education, work, sexualities, reproduction, politics, and social change. This is the same course as Soc 425/525 and may be taken only once for credit. Prerequisites: junior standing.	
Fall 2013	M	WS	455	Gender and Education	4		Change course number to 351.
Fall 2013	D	WS	457/557	The Language of Violence	4		
Fall 2013	D	WS	470	Asian American Women's Studies	4		


















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